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ABSTRACT

The Occupational Training Information System was developed to match manpower supply and demand by job cluster and to indicate net manpower requirements for Oklahoma. This report enumerates manpower data estimates for the period from July 1, 1972 through June 30, 1973. Except for a few introductory pages, the entire document is comprised of computer-produced tables of manpower supply and demand by occupational clusters, with applicable vocational education program clusters indicated for the demand occupations. (MF)

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OCCUPATIONAL TRAINING INFORMATION SYSTEM

CYCLE FIVE REPORT 197[illegible]

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CYCLE FIVE REPORT

OCCUPATIONAL TRAINING INFORMATION SYSTEM

J. B. Morton
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Oklahoma State Department of Vocational and Technical Education
Division of Research, Planning, and Evaluation
Information Services Unit
Stillwater, Oklahoma
January, 1973

FOREWORD

With the growing emphasis of the legislature and the public on accountability in education, it is necessary to have access to the accurate information about manpower demand. It is also vital that people who are responsible for planning new vocational-technical education programs have this information available. The Occupational Training Information System (OTIS) is providing people in Oklahoma with that information. According to the guideline established in the State Plan, no new program will be funded unless it provides training in an area identified as "high demand" by OTIS.

Those responsible for collecting and compiling OTIS data are continually involved in improving processes as well as quality of data. The Cycle Five Report is evidence of this. It is unique to OTIS documents in that it is the result of automation of the system--saving hours of computation and greatly increasing accuracy.

OTIS is the basis for the decision-making process in the approval of new programs in vocational-technical education. We believe that this publication will be useful to the local administration, teacher, or guidance counselor in directing students toward occupational goals.

Stillwater, Oklahoma
January, 1973

Francis Tuttle
State Director of Vocational
and Technical Education

ACKNOWLEDGMENTS

This report is the result of the efforts of a great number of people in a number of agencies. The agencies that have contributed to the growth and continued development of the Occupational Training Information System (OTIS) are:

Board of Nurse Registration and Nurse Education
Governor's Comprehensive Manpower Planning Staff
Manpower Administration, U.S. Department of Labor
Manpower Development Training Division
Oklahoma Employment Security Commission
Oklahoma Industrial Development and Park Department
Oklahoma State Department of Vocational and Technical Education
Oklahoma State Office of Community Affairs and Planning
Oklahoma State University: Research Foundation, Manpower Research and Training Center, and School of Occupational and Adult Education
Ozark's Regional Commission

Among those whose contributions helped to make the report possible are Dr. Francis Tuttle of the Oklahoma State Department of Vocational and Technical Education who provided continuing support and leadership; Mr. Will Bowman, Mr. Bill Hunter, and the staff of the Planning and Research Division of the Oklahoma Employment Security Commission who made notable contributions with their provisions of the updated demand information and registrants supply data for the report.

Appreciation is expressed to the vocational education teachers, to all of the state supervisors of the Oklahoma State Department of Vocational and Technical Education, and to Dr. Charles O. Hopkins, Dr. William Frazier, Mr. Bob Hunter, Mr. Ron Kraft, Mrs. Linda Peterson, Miss Paula Keller, and Mrs. Karen Thomas and her staff for their help in the collection and processing of the data provided by the State Department. We are indebted to Dr. Wesley Hobbs, Oklahoma State Tech at Okmulgee, for providing the information from that institution.

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Harold Winburn, Mr. Dale Hughey, and Miss Blanche Portwood for their assistance in providing Adult Education information; also, thanks are given to Mr. Hugh Lacy, Mr. Jess Banks, Mr. Bill White, and the MDT staff for providing information on their graduates.

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Appreciation is expressed to Mr. E. R. Jeffers, Executive Secretary of the Oklahoma Private School Board, for the benefit of his experience and advice and for giving us the privilege of using their files on the Oklahoma private schools to gather required information on graduates in that sector.

We are indebted to the OTIS Advisory Committee for their guidance and direction in the further improvement of this system. The committee is listed below.

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CHAPTER I

INTRODUCTION

History of OTIS

Studies of occupations in Oklahoma in 1963 (Ling-Timco-Vought and Oklahoma State University) reported a need for a manpower supply and demand information system. Based on the recommendations of these studies, the basic concept of an "Occupational Training Information System" (OTIS) was developed which would match manpower supply and demand by job cluster and indicate net manpower requirements for the state and regions within the state.

The Manpower Research Training Center and the School of Occupational and Adult Education at Oklahoma State University received a contract from the Manpower Administration, U.S. Department of Labor, to develop the system in the summer of 1968. A system was developed and two reports, called cycle reports, were produced.

At an OTIS Advisory Committee meeting held in January, 1970, the members, representing the organizations listed below, transferred operational responsibilities to the newly formed Division of Research, Planning, and Evaluation of the Oklahoma State Department of Vocational and Technical Education. This division refined the system and produced the third and fourth cycle reports. This document reports the results of the fifth cycle.

Organizations which supported and/or cooperated in the development of the system included (a) the Oklahoma State Department of Vocational and Technical Education, (b) the Manpower Administration of the United States Department of Labor, (c) the Oklahoma Industrial Development and Park Department, (d) the Ozarks Regional Commission, (e) the Research Foundation of the Oklahoma State University, (f) the Oklahoma Employment Security Commission, (g) the State Accrediting Agency, (h) the Manpower Research and

Training Center at Oklahoma State University, (i) the School of Occupational and Adult Education at Oklahoma State University, and (j) the Oklahoma Research Coordinating Unit.

Purpose

The purpose of this report is to enumerate data on manpower supply and demand and the net manpower requirements in Oklahoma.

Limitations

The data presented here represents the best information available on the manpower supply and demand conditions estimated to exist during the time July 1, 1972, until June 30, 1973. However, the figures in the manpower supply and demand tables should be viewed dynamically and not regarded as absolute values. This is especially true at the regional level where changes in the plans of a single firm could significantly influence the manpower demand in a given occupation. Any information of manpower needs is subject to error due to changes in the economy, unexpected new industry starts, and other intervening variables.

Procedures

The procedures used to collect and analyze the data in this report are presented in two major sub-sections; these are manpower supply and manpower demand.

Sub-Section One - Manpower Supply

There are five primary sources of manpower supply data used in this report; i.e., the Oklahoma State Department of Vocational and Technical Education, the Governor's Comprehensive Manpower Planning Staff, the State Accrediting Agency, the Oklahoma Employment Security Commission, and the Oklahoma Board of Nurse Registration and Nurse Education.

The Oklahoma State Department of Vocational and Technical Education provides information on four categories of manpower supply, i.e., high school vocational program graduates, post high school vocational program graduates, adult vocational program graduates, and Manpower Development Training Act (MDTA) graduates.

The figures entered into the tables in Chapter II for secondary and post secondary vocational and technical students are calculated in the following manner:

1. The first phase of the problem was to find the percentage of the 1971-72 students who have dropped out or completed each of the vocational programs and to find out how many are available for job placement. This was done by searching the Student Accounting System for:

   a. Those who dropped out of school and are employed full time in the field for which they were trained (VE-6000-R-1, Code 6)*

   b. The number of students who are unknown (VE-6000-R-2, Code 9)*

   c. Those who are not available for placement (VE-6000-R-2, Code 0, 1, 2, 3)*

   d. Those who are available for placement (VE-6000-R-2, Code 4, 5, 6, 7, 8)*

   e. The total number with completion response (VE-6000-R-1, Code 1 thru 8)*

   f. The total number enrolled in the program (VE-6000-R) for each occupational objective

The percentage of students who dropped out of school and are employed full time in the field for which they are trained or completed the program and were available for the labor market were calculated by:

$$PC = \frac{a + d}{a + d + b + c} \times \frac{f}{e}$$

If there was insufficient information to calculate the percentage, the percentage was based upon OTIS Cycle III Report, Supplement Five, "A Follow-Up Study of Oklahoma Vocational and Technical Education Graduates and Dropouts; 1968-69 and 1969-70," August 31, 1972.

2. The second phase was to calculate the number of students available for the labor market by accumulating the number of students who completed the program (VE-6000-R-1, Code 1) from the 1971-72 Student Accounting System and multiplying it by the percentage worked out above for each occupational objective.

---

*Appendix A

Secondary programs, other than reimbursed vocational-technical programs, provide input into the labor market. Information on what happens to these graduates is not available. Research that is in progress should provide information so that supply data from this can be included in future OTIS reports.

The figures entered into the tables in Chapter II for adults are calculated by searching the Student Accounting System and other available records for:

g. The number of adult preparatory students,

h. The number of adult supplementary students in adult classes for each occupational objective.

The formula used to calculate percentage available for the labor market was:

$$PC = \frac{g}{g+h} \times .86 \times \frac{\text{(VE6000R-2, code 4, 5, 6, 7, 8)*}}{\text{(VE6000R-1, code 1)}}$$

The factor .86 was used to eliminate duplicated enrollment. The adult enrollment for 1971-72 was used to calculate the figures in the table in Chapter II.

One hundred percent of the graduates in the MDTA programs are listed as available to the labor market.

The Governor's Comprehensive Manpower Planning Staff provides data on the number of graduates to be produced by the federal training programs not associated with the State Department of Vocational and Technical Education. A list of these federal programs may be found in Appendix B.

Data on private school graduates was obtained from the license application required annually by House Bill 1403. This licensing procedure is supervised by the State Accrediting Agency.

The Oklahoma Employment Security Commission provides the number of qualified registrants who are available to fill jobs listed in the OTIS Report.

The Oklahoma Board of Nurse Registration and Nurse Education and the Oklahoma State Department of Vocational and Technical Education provide data on the number of nurses that are available for the labor market.

Sub-Section Two - Manpower Demand

The primary data on manpower demand utilized in this report has been developed

*Appendix A

by the Oklahoma Employment Security Commission (OESC) based upon a survey conducted during 1971 with an original sample of 2,633 firms. The firm listing included firms covered by the unemployment insurance laws and was augmented by a mixture of the larger non-covered establishments such as government agencies, hospitals, and other non-profit organizations. These firms were listed by industrial divisions in descending order by employment size. All of the establishments comprising the upper 50 percent of the industry's employment total were included in the survey. Of the remaining firms in the industry, 20 percent and 5 percent samples were selected from the third and fourth quartiles respectively. During June of 1971 questionnaires, job descriptions, and instructions were mailed to the surveyed firms. For the next two months, personal visits were made to the state's largest employers to solicit their cooperation. The OESC was able to survey 83.8 percent of the employment in the areas surveyed.

For the Otis Cycle 5 Report, the data base was updated by the Research and Planning Division of OESC. Basically, the update consisted of reviewing the larger firm's employment changes. These were analyzed to see if they were following the previously projected trend. Those establishments that varied from their forecast were contacted by OESC personnel to confirm the change and secure new projections. Furthermore, all newly established large firms were visited by OESC personnel to get employment information. This data was then incorporated into the data base and used to update the demand information.

The 1970 survey of health occupations which was conducted by the Oklahoma Employment Security Commission in conjunction with the Oklahoma State Department of Vocational and Technical Education was used to supplement the demand information. This survey sampled employers in the health occupations, such as hospitals, nursing homes, government agencies, and private practice. The Oklahoma Employment Security Commission combined all of the data from the agencies above and edited it in terms of known economic conditions to produce the figures interfaced in the manpower demand column of the tables.

Other manpower demand information has been developed by Jesse B. Mitchell, "Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations in Oklahoma," State Department of Vocational and Technical Education, September, 1971, and by the Oklahoma State University Agricultural Economics Department's Farm Manpower projections.

CHAPTER II

MANPOWER SUPPLY AND DEMAND TABLES

How to Use the Tables

The Net Additional Manpower Requirements Table utilizes the clustering of related occupations which are matched within programs that train workers for those occupations. A cluster may contain one or more occupations and one or more types of programs. The occupations are identified by Dictionary of Occupational Titles codes and the programs are identified by U.S. Office of Education codes. The clusters are generally arranged in a descending order by U.S. Office of Education code. (Example: Agriculture .010100, 010200, 010400; Distributive Education 141300, 104700; etc.) These clusters are also numbered and are indexed on the last three pages of the report. Some of the clusters are limited by the form of available data; demand data on drafting is not reported by level of drafting skills needed and, therefore, all levels of training are interfaced against the aggregrate demand for draftsmen.

To determine the net manpower requirements in a cluster, the total of the supply (registrants and students who have completed the training programs and are available to the labor market) is subtracted from the demand (job openings). Where demand exceeds supply, the net manpower requirement is positive; where the demand is less than the supply, the net manpower requirement is negative. The negative numbers are indicated in the tables by the negative sign (-).

The tables are presented for both statewide totals and planning regions. There are eleven planning regions within the State which are determined by legislative action. These regions are shown in Figure 1.

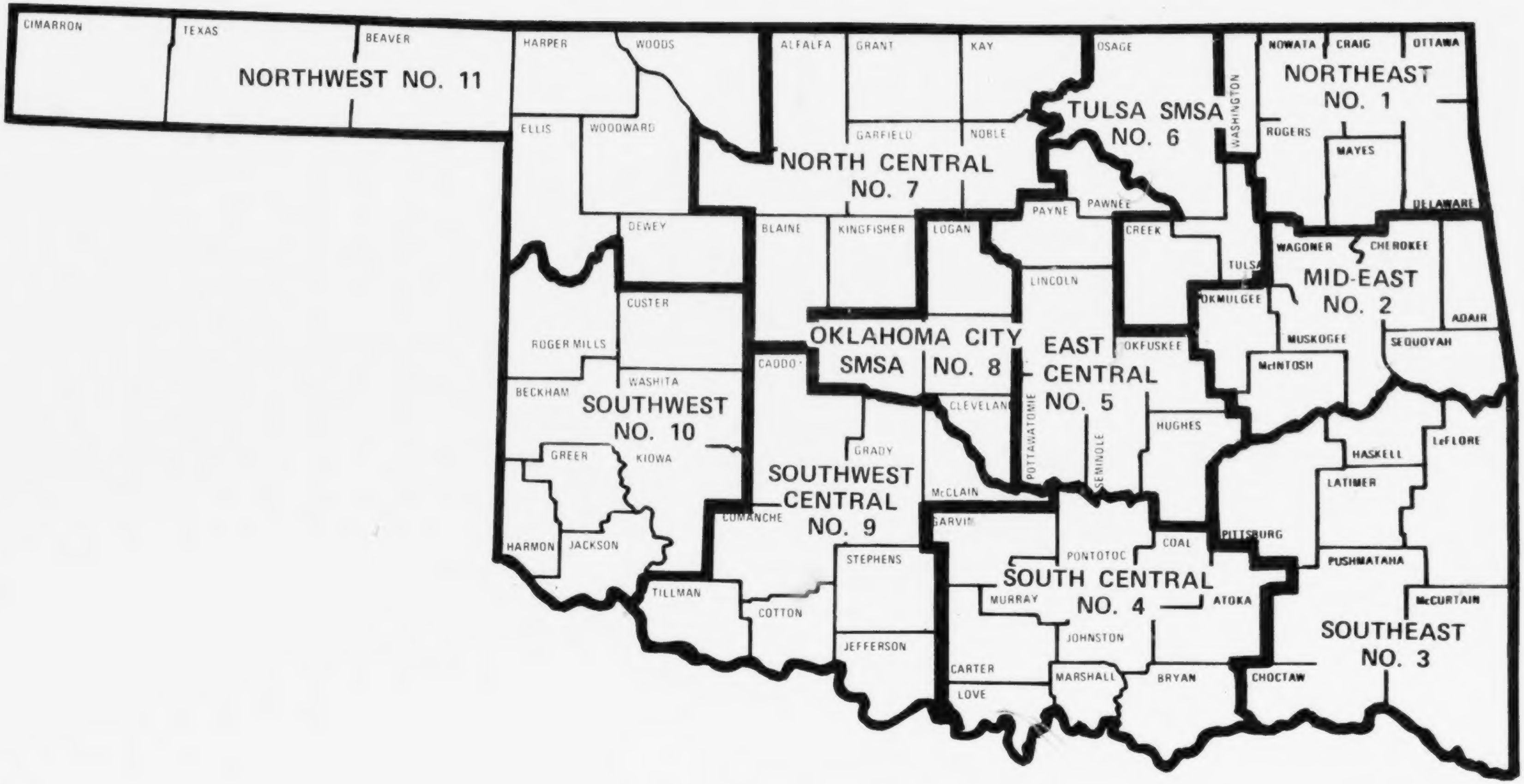

FIGURE 1: STATE PLANNING REGIONS USED IN INTERFACING

Although many factors influence the choice of program offerings in any given situation, one of the major considerations is the demand for the graduates of the program. When planning new programs or selecting a possible future occupation, one should examine the net manpower requirements within the region where the program will be offered, in the adjacent regions, the net manpower requirements in the Standard Metropolitan Statistical Area (SMSA) closest to the region, and the statewide net manpower requirements. In addition, any factor which influences the local labor market such as new industry starts should be considered.

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	60									
**400.000.0 FARM MANAGER	816									
*404.880.0 PRUNER--PICKER	80									
*413.181.0 FEEDLOT WORKER	66									
**421.883.0 FARM HAND, GENERAL	64									
466.887.0 LIVESTOCK CARETAKER	135	39								
			765							010100 AGRICULTURAL PRODUCTION
			11	4						160201 RANCH OPERATION
TOTAL	1,221	39	776	4					402	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/ RETAIL)	122	42								
*520.885.0 FEED/FERTILIZER MIXER	43									
			55							010200 AGRICULTURAL SUPPLIES/SERV-ICE
TOTAL	165	42	55						68	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell
** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 3c										
*919.887.0 YARDMAN	115									
			2							010400 AGRICULTURAL PRODUCTS
TOTAL	115		2						113	
CLUSTER NO. 4c										
*521.782.0 MILL OPERATOR	51									
*624.281.0 AGRICULTURAL MECHANIC	227					21				
			246		21					010300 AGRICULTURAL MECHANICS
			16	5						179902 FARM MACHINERY REPAIR
TOTAL	278		262	5	21	21			-31	
CLUSTER NO. 5c										
*142.081.0 FLORAL DESIGN	110									
*406.168.0 GREENHOUSE MAN	149									
407.884.0 GROUNDSKEEPER	166	37								
			21		1					010500 ORNAMENTAL HORTICULTURE
			1							040500 FLORISTRY
TOTAL	425	37	22		1				365	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT	62	18								
169.188.0 UNDERWRITER	45	5								
241.168.0 CLAIM ADJUSTER	45	7								
250.258.0 INSURANCE SALESMAN	138	31								041300 INSURANCE
TOTAL	290	61							229	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER	25	3								041700 REAL ESTATE
TOTAL	25	3							22	

NET ADDITIONAL MANPOWER REQUIREMENTS
1974

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	1,045	308								
290.478.0 SALES CLERK	2,770	622								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	249	66								
915.867.0 SERVICE STATION ATTENDANT	158	109								
			49							010200 AGRICULTURAL SUPPLIES/SERVICE
			5							010400 AGRICULTURAL PRODUCTS
			63	1						040200 APPAREL AND ACCESSORIES
			36	4						040300 AUTOMOTIVE
			89							040600 FOOD DISTRIBUTION
			75							040800 GENERAL MERCHANDISE
			26		10					040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
			20							041000 HOME FURNISHING
			5	1						041200 INDUSTRIAL MARKETING
			2							041400 INTERNATIONAL TRADE
			14							041600 PETROLEUM
			10							041800 RECREATION AND TOURISM
			95	1						042000 RETAIL TRADE
			9							043100 WHOLESALE TRADE
TOTAL	4,222	1,105	499	7	10				2,602	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	278	125								
			21	18						049901 MID MANAGEMENT
TOTAL	278	125	21	18					114	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	65	33								
			8		6					041100 HOTEL AND LODGING
TOTAL	65	33	8		6				18	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	384	72								
			19							040100 ADVERTISING SERVICES
			30							040400 FINANCE AND CREDIT
			38							041500 PERSONAL SERVICES
			8							041900 TRANSPORTATION
TOTAL	384	72	95						217	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPY-RITER	8	1								
132.288.0 COPY READER	23	5								
165.068.0 PUBLIC RELATIONS	92	27								040100 ADVERTISING SERVICES
TOTAL	123	33							90	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	37	11						5		
902.883.0 DUMP TRUCK DRIVER	109	26								
904.883.0 TRACTOR TRAILER TRUCK DRIVER	363	147								
905.883.0 TRUCK DRIVER (HEAVY)	558	225								
906.883.0 TRUCK DRIVER (LIGHT)	523	187								
913.463.0 BUS DRIVER	98	21								
922.883.0 FORKLIFT OPERATOR	297	79								
929.887.0 MATERIAL HANDLER	751	195								
			5							
			1		70			470		041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	2,736	891	6		70			475	1,294	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	465	181								090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	465	181							284	
CLUSTER NO. 160										
310.868.0 HOSTESS	105	26								
311.878.0 WAITRESS OR WAITER	1,380	543								
318.887.0 DISHWASHER	481	261								
319.138.0 FOOD SERVICE SUPERVISOR	60	22								
			95		4					040700 FOOD SERVICES
			67							090203 FOOD MANAGEMENT PROD. & SERVICE
			20							17[illegible]900 OTHER FOOD OCCUPATIONS
			21							172904 WAITER OR WAITRESS
TOTAL	2,026	852	203		4				967	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE	111	17								070304 PSYCHIATRIC AID
TOTAL	111	17							94	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 18C										
078.261.0 MEDICAL TECHNOLOGIST	94	8						42		
078.381.0 MEDICAL LABORATORY ASSISTANT	68	12						7		
078.381.2 MEDICAL LABORATORY TECHNICIAN	41									
				11			•	114		070203 MEDICAL LABORATORY ASSISTING
TOTAL	203	20		11				163	9	
CLUSTER NO. 19C										
075.378.0 REGISTERED NURSE BACC.DIPL,ASSOC	733	42					4			
				282						070301 NURSING (ASSOCIATE DEGREE)
TOTAL	733	42		282			4		405	
CLUSTER NO. 20C										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	83[illegible]	142					7	30		
			7	438						070302 PRACTICAL (VOC) NURSING
TOTAL	83[illegible]	142	7	438			7	30	215	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		ESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 210										
355.878.0 NURSE AIDE	1,663	582				274				
			18	4	299			231		070303 NURSE ASSISTANCE (AID)
			1							070399 NURSING OTHER
			91							079900 HEALTH SERVICES
TOTAL	1,663	582	110	4	299	274		231	163	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	73					5				
								12		070305 SURGICAL TECHNICIAN
TOTAL	73					5		12	56	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS- TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV- ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	15									
079.128.1 RECREATIONAL THERAPIST	17									
079.368.1 OCCUPATIONAL THERAPIST AIDE	21									
355.878.2 PHYSICAL THERAPIST AIDE	44							3		070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	97							3	94	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN	12									070901 E.E.G. TECHNICIAN
TOTAL	12								12	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN	32									070902 E.K.G. TECHNICIAN
TOTAL	32								32	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	71									
								99		070501 RADIOLOGIC TECHNICIAN
						1	2	79		070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	71					1	2	178	-110	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	74	7								
			2	9				15		070903 INHALATION THERAPY
TOTAL	74	7	2	9				15	41	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	26	10								
										070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	26	10							16	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	69	3			4	23		31		079901 MEDICAL RECORD CLERK
TOTAL	69	3			4	23		31	8	
CLUSTER NO. 300										
219.388.1 WARD CLERK	149	15			7	35		22		079902 WARD CLERK
TOTAL	149	15			7	35		22	70	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	36	2						26		070210 MEDICAL RECORD TECHNICIAN
TOTAL	36	2						26	8	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 329										
359.878.0 NURSERY SCHOOL ATTENDANT	107	52								
359.878.1 TEACHER AIDE	158									
			40	2	21					090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	265	52	40	2	21				150	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	29									
785.381.0 SEAMSTRESS OR TAILOR	135	20								
786.787.0 SEWING MACHINE OPERATOR	1,479	341								
			2							090103 CLOTH AND TEXTILES
			32	2	131					090202 CLOTHING MGMT., PROD. & SERVICE
			2		6					090204 HOME FURNISHING SERVICES
			8							173302 TAILORING
TOTAL	1,643	361	44	2	137				1,099	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	574	134								
160.288.0 COST ESTIMATOR	55	3								
168.288.0 CLAIMS EXAMINER	13	5								
186.168.0 BANK CASHIER	43	19								
209.388.1 STATEMENT CLERK	65									
210.388.0 HAND BOOKKEEPER	836	215				24				
211.368.0 CASHIER	876	113								
212.368.0 BANKING TELLER	271	49								
215.388.0 BOOKKEEPING MACHINE OPERATOR	317	67								
215.488.0 PAYROLL CLERK	224	44								
217.388.0 TRANSIT CLERK	40	14								
219.488.0 ACCOUNTING CLERK	600	180								
249.368.0 CREDIT CLERK	21	15								
249.368.1 CLAIMS CLERK (INSURANCE)	91									
249.368.2 NEW ACCOUNT CLERK	69									
			61	13	262		13	180		140100 ACCOUNTING AND COMPUTING
TOTAL	4,095	858	61	13	262	24	13	180	2,684	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	128	10								
162.288.0 TITLE CLERK	14	3								
			6	6	2					140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	142	13	6	6	2				115	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	1,226	344				39	16			
219.388.0 SORTING CLERK	21									
219.388.3 GENERAL OFFICE CLERK	1,742	600				50				
219.388.4 TIME KEEPER	12									
237.368.0 ADMITTING CLERK	55	7				6				
249.388.0 LOAN CLOSER	28	9								
			245	2	126			246		140300 GENERAL OFFICE CLERICAL OCCUP.
			219	18	260			26		140900 TYPING & RELATE OCCUPATIONS
			13							149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	3,084	960	477	20	386	95	16	272	858	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	303	46								
233.388.0 MAIL CARRIER	192	42								140403 MAIL AND POSTAL CLERKS
TOTAL	495	88							407	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	388	110								
239.588.0 METER READER	66	11								
			12							140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	454	121	12						321	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	182	41								
			3							140600 PERSONNEL, TRAINING & RELATED
TOTAL	182	41	3						138	
CLUSTER NO. 400										
201.368.0 SECRETARY	2,080	519				10	24	13		
202.388.0 STENOGRAPHER	585	190				54				
			451	34	217		3	317		140700 SECRETARY OR STENOGRAPHER
			23	9	16	1	1	8		140703 MEDICAL SECRETARY
TOTAL	2,665	709	474	43	233	65	28	338	775	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	PUBLIC POST SECONDARY	PUBLIC ADULT	FEDERAL MDTA	FEDERAL OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR	15	2								
213.582.0 KEYPUNCH OPERATOR	311	118					3	26		
213.782.0 TABULATING MACHINE OPERATOR	54	15								
			162	7	147		5	137		140200 BUSINESS DATA PROCESSING
TOTAL	380	135	162	7	147		8	163	-242	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL	54	13								
003.281.0 DRAFTSMAN, ELECTRICAL	37	4								
003.281.1 DRAFTSMAN, ELECTRONIC	9									
005.281.0 DRAFTSMAN, CIVIL	34	17								
007.181.1 DIE TOOL DESIGNER	19									
007.281.0 DRAFTSMAN, MECHANICAL	236	43								
010.281.0 DRAFTSMAN, GEOLOGICAL	34	5								
017.281.0 DRAFTSMAN, MAP	13	2								
			3							160103 ARCHITECTURAL TECHNOLOGY
			6	50				18		160198 DRAFTING AND DESIGN
			96		52		2	32		171300 DRAFTING
TOTAL	436	84	105	50	52		2	50	93	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		MESC REGISTRANTS	PUBLIC			FEDERAL		PRIVATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 439										
022.081.0 CHEMIST	51	8								
029.281.0 LABORATORY TESTER	77	11								
				8	75					160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	128	19		8	75				26	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	116	4								
018.188.0 SURVEYOR	48	11								
					41					160106 CIVIL TECHNOLOGY
TOTAL	164	15			41				108	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN	324	23								
003.181.1 ELECTRICAL TECHNICIAN	32	36								
			2							160107 ELECTRICITY
			9	46	98			71		160108 ELECTRONIC TECHNOLOGY
			3	4						160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	356	59	14	50	98			71	64	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN	37	5								
019.281.0 QUALITY CONTROL TECHNICIAN	165	14								
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	202	19							183	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	45	7								
				14						160112 INSTRUMENTATION TECHNOLOGY
			2	9						172100 INSTRUMENT MAINT. & REPAIR
TOTAL	45	7	2	23					13	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN	22	13								
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	80	20								
710.281.1 ELECTROMECHANICAL TECHNICIAN	28									
			3	5	1					160109 ELECTROMECHANIC TECHNOLOGY
				35	19					160113 MECHANICAL TECHNOLOGY
TOTAL	130	33	3	40	20				34	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)	29	5								
549.280.0 PUMPMAN (PETROLEUM REFINING)	8									
										160116 PETROLEUM TECHNOLOGY
TOTAL	37	5							32	
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER	19									
					5					160117 SCIENTIFIC DATA PROCESSING
TOTAL	19				5				14	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER	32	5								
				4						160197 TECHNICAL WRITING
TOTAL	32	5		4					23	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST	150	14								
020.188.0 BUSINESS PROGRAMMER	177	45								
213.382.1 DIGITAL COMPUTER OPERATOR	154	8								
219.388.2 PROGRAM CODER	166	16								
				59	33			28		160401 COMPUTER SCIENCE
TOTAL	647	83		59	33			28	444	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR	10	10								
373.884.0 FIREMAN	149	19								
			3							160602 FIRE AND FIRE SAFETY TECH.
			1							172801 FIREMAN TRAINING
TOTAL	159	29	4						126	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	230	35								
377.868.0 SHERIFF	24	6								160605 POLICE SCIENCE TECHNOLOGY
			3					2		172802 LAW ENFORCEMENT TRAINING
TOTAL	254	41	3					2	208	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	208	56								
195.228.0 RECREATION LEADER	38	27								172899 PUBLIC SERVICE OCCUPATIONS
TOTAL	246	83							163	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	152	29				44				
			122	40	313		8	47		170100 AIR CONDITION & HEATING
TOTAL	152	29	122	40	313	44	8	47	-451	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	243	78								
899.281.0 MAINTENANCE MAN, EQUIPMENT	383	65								
			56		2					170102 PLUMBING
				22	30					170107 PLUMBING AND PIPEFITTING
TOTAL	626	143	56	22	32				373	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	67	17								
			16		2			13		170200 APPLIANCE REPAIR
TOTAL	67	17	16		2			13	19	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	209	53				7				
845.781.0 AUTO PAINTER	134	32				1				
			158	44	87		4	19		170301 BODY AND FENDER
TOTAL	343	85	158	44	87	8	4	19	-62	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	PUBLIC SECONDARY	PUBLIC POST SECONDARY	PUBLIC ADULT	FEDERAL MDTA	FEDERAL OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	896	206				160				
620.281.1 AUTO - AIR CONDI-TIONING	85	8				6				
			498	103	253		6	6		170302 AUTO MECHANICS
TOTAL	981	214	498	103	253	166	6	6	-265	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	50	33								
223.387.0 AUTO PARTS CLERK	193	80								
			30	3						040300 AUTOMOTIVE
			33	24			1			170399 AUTOMOTIVE SERVICES
TOTAL	243	113	63	27			1		39	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC	58	60								
621.281.1 JET ENGINE MECHANIC	13									
621.781.0 AIRCRAFT ACCESS-ORIES MECHANIC	11									
			50		8			40		160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL	82	60	50		8			40	-76	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COM-MERCIAL ARTIST	51	23								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	36									
			18	18	3			11		170700 COMMERCIAL ART
TOTAL	87	23	18	18	3			11	14	

NET ADDITIONAL MANPOWER REQUIREMENTS
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STATE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN	71	20								
			24		13					170900 COMMERCIAL PHOTOGRAPHY
TOTAL	71	20	24		13				14	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	136	32								
841.781.0 PAINTER OR PAPERHANGER	157	28								
860.381.0 CARPENTER	704	191								
899.381.0 MAINTENANCE MAN, BUILDING	266	105				24				
			221	19	10		15			171001 CARPENTRY
TOTAL	1,263	356	221	19	10	24	15		618	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATE-WIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN	41	12								
726.781.0 ELECTRONICS ASSEMBLER	484	326								
821.381.0 LINEMAN	80	16								
822.381.0 TELEPHONE INSTALLER	84	18								
824.281.0 ELECTRICIAN	551	127								
828.281.0 ELECTRONICS MECHANIC	108	53								
829.381.0 CABLE SPLICER	49	8								
			45	38	61		1	53		171002 ELECTRICITY
										171402 ELECTRICAL LINEMAN
			78		78		1			171502 ELECTRONICS
TOTAL	1,397	560	123	38	139		2	53	482	
CLUSTER NO. 670										
382.884.0 JANITOR	497	174								
			16		5					171100 CUSTODIAL SERVICES
TOTAL	497	174	16		5				302	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	346	37				3				
			81	51	20		1			171200 DIESEL MECHANICS
TOTAL	346	37	81	51	20	3	1		153	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	79	19								
823.281.0 RADIO MECHANIC	37	10								
			17	21	33		1	3		171503 RADIO/TV
TOTAL	116	29	17	21	33		1	3	12	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	47	3								
651.782.0 CYLINDER-PRESS MAN	60	8								
651.782.1 OFFSET-PRESS MAN	153	14								
			1							171901 COMPOSITION, MAKEUP & TYPE-SET
			85	33	30		1			171902 PRINTING
TOTAL	260	25	86	33	30		1		85	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 CURE MAKER	13	4								
										172301 FOUNDRY
TOTAL	13	4							9	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	313	71					9	18		
600.381.0 LAYOUT MAN (MACHINE SHOP)	26	4								
603.280.0 PRECISION GRINDER	26	8								
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	300	53				20				
705.684.0 BENCH GRINDER	44	16								
			131	24	55					172302 MACHINE SHOP
					2					172303 MACHINE TOOL OPERATION
TOTAL	709	152	131	24	57	20	9	18	299	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)	23	7								
										172399 METALWORKING
TOTAL	23	7							16	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER	87	20								
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER	76	16								172304 METAL TRADES, COMBINED
TOTAL	163	36							127	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	51	9								
601.280.1 TOOL MACHINE SET-UP OPERATOR	36									172307 TOOL AND DIE MAKING
TOTAL	87	9							78	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR	44	21								
617.380.0 BRAKE OPERATOR	35	6								
619.380.0 METAL FABRICATOR	122	17								
804.281.0 SHEET METAL WORKER	260	55								
			16							172305 SHEET METAL
TOTAL	461	99	16						346	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER	13	4	1							172400 METALLURGY
TOTAL	13	4	1						8	
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	104	32								
809.381.0 LAYOUT MAN (STRUCTURAL)	92	17								171099 CONSTRUCTION & MAINT. TRADE
TOTAL	196	49							147	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATE [illegible] TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	93	24								
810.884.0 WELDER, ARC	232	85				70		3		
810.884.1 WELDER, GAS	92	15				20				
812.884.0 WELDER, COMBINATION	368	116				173		63		
816.782.0 FLAME CUTTER MA-CHINE OPERATOR	23	11								
816.884.0 FLAME CUTTER, HAND	10	6				4				
			244		17					010300 AGRICULTURAL MECHANICS
			174	1	163		13			172306 WELDING & CUTTING
TOTAL	818	257	418	1	180	267	13	66	-384	
CLUSTER NO. 800										
526.781.0 BAKER	42	17								
				10						172901 BAKER
TOTAL	42	17		10					15	
CLUSTER NO. 810										
313.131.0 CHEF	33	6								
313.381.0 COOK	1,176	284				25				
			26	17			1			172902 COOK/CHEF
TOTAL	1,209	290	26	17		25	1		850	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	98	29								
			2							171600 LAUNDERING & DRY CLEANING
TOTAL	98	29	2						67	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	325	64				28				
			16	17	49		5			173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	325	64	16	17	49	28	5		146	
CLUSTER NO. 830										
950.782.1 STATIONARY ENGINEER	60	13								
952.782.0 POWER PLANT OPERATOR	63	11								
					15					173200 STATIONARY ENERGY SOURCES OCC
TOTAL	123	24			15				84	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	179	42								
525.381.0 BUTCHER, ALL ROUND	67	13								
525.884.0 BONER OR SKINNER	18	12								
			2					37		172903 BUTCHER (MEAT CUTTER)
TOTAL	264	67	2					37	158	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	27	10								
			14	10	27					173500 UPHOLSTERY
TOTAL	27	10	14	10	27				-34	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	89	19								
669.380.0 MILL MAN	59	9								
763.381.0 FURNITURE FINISHER	62	15								
			24		34					173601 CABINET MAKING
TOTAL	210	43	24		34				109	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	77	32								
861.381.0 BRICK LAYER	268	65								
			14	1						171004 MASONRY
TOTAL	345	97	14	1					233	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OPERATOR (MINING)	19									
859.883.0 HEAVY EQUIPMENT OPERATOR	264	62				30				
			8		41		4			171003 HEAVY EQUIPMENT
TOTAL	283	62	8		41	30	4		138	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN	49									
750.364.0 GREEN TIRE INSPECTOR	15									
750.367.0 TIRE CLASSIFIER	12									
750.884.0 TIRE BUILDER	83									
										179800 TIRE MANUFACTURING
TOTAL	159								159	

NET ADDITIONAL MANPOWER REQUIREMENTS
[illegible]

STATEWIDE TOTALS

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. [illegible]										
572.782.0 BATCH AND FURNACE MAN (GLASS, MFG)										
575.782.0 BOTTLE MACHINE OPERATOR (GLASS)	7	5								
706.884.0 ASSEMBLER, METAL PRODUCTS	418	120								179900 TRADE AND INDUSTRIAL OCC.
TOTAL	433	125							308	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible]: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN										
**400.000.0 FARM MANAGER	73									
*404.880.0 PRUNER--PICKER										
*413.181.0 FEEDLOT WORKER	5									
**421.883.0 FARM HAND, GENERAL	5									
466.887.0 LIVESTOCK CARETAKER	6	2								
			37							010100 AGRICULTURAL PRODUCTION 160201 RANCH OPERATION
TOTAL	89	2	37						50	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/ RETAIL)	11	3								
*520.885.0 FEED/FERTILIZER MIXER	1									
			5							010200 AGRICULTURAL SUPPLIES/SERVICE
TOTAL	12	3	5						4	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN										
										010400 AGRICULTURAL PRODUCTS
TOTAL									0	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	2									
*624.281.0 AGRICULTURAL MECHANIC	12									
			23		2					010300 AGRICULTURAL MECHANICS
										179902 FARM MACHINERY REPAIR
TOTAL	14		23		2				-11	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	3									
*406.168.0 GREENHOUSE MAN	3									
407.884.0 GROUNDSKEEPER	2	2								
			1							010500 ORNAMENTAL HORTICULTURE
										040500 FLORISTRY
TOTAL	15	2	1						12	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT										
169.188.0 UNDERWRITER										
241.168.0 CLAIM ADJUSTER	2									
250.258.0 INSURANCE SALESMAN	4	3								
										041300 INSURANCE
TOTAL	6	3							3	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER										
										041700 REAL ESTATE
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	84	19								
290.478.0 SALES CLERK	68	33								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	12	2								
915.867.0 SERVICE STATION ATTENDANT	7	5								
			4							010200 AGRICULTURAL SUPPLIES/SERVICE
										010400 AGRICULTURAL PRODUCTS
			2							040200 APPAREL AND ACCESSORIES
			2							040300 AUTOMOTIVE
										040600 FOOD DISTRIBUTION
										040800 GENERAL MERCHANDISE
			3							040900 HDW, BLDG, MAT, FARM SUPPLIES & EQP
										041000 HOME FURNISHING
										041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
										041600 PETROLEUM
			3							041800 RECREATION AND TOURISM
			14							042000 RETAIL TRADE
										043100 WHOLESALE TRADE
TOTAL	171	59	28						84	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	21	4								
				5						049901 MID MANAGEMENT
TOTAL	21	4		5					12	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	1	3								
										041100 HOTEL AND LODGING
TOTAL	1	3							-2	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	24	1								
			1							040100 ADVERTISING SERVICES
			2							040400 FINANCE AND CREDIT
			2							041500 PERSONAL SERVICES
										041900 TRANSPORTATION
TOTAL	24	1	5						18	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER										
132.288.0 COPY READER										
165.068.0 PUBLIC RELATIONS	1									
										040100 ADVERTISING SERVICES
TOTAL	1								1	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	1	1								
902.883.0 DUMP TRUCK DRIVER	5	3								
904.883.0 TRACTOR TRAILER TRUCK DRIVER	6	1								
905.883.0 TRUCK DRIVER (HEAVY)	35	11								
906.883.0 TRUCK DRIVER (LIGHT)	40	13								
913.463.0 BUS DRIVER	5	1								
922.883.0 FORKLIFT OPERATOR	16	2								
929.887.0 MATERIAL HANDLER	20	6								041900 TRANSPORTATION
			1							179901 TRUCK DRIVER
TOTAL	129	38	1						89	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	9	4								
										090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	9	4							5	
CLUSTER NO. 160										
310.868.0 HOSTESS	4	1								
311.878.0 WAITRESS OR WAITER	102	44								
318.887.0 DISHWASHER	11	7								
319.138.0 FOOD SERVICE SUPERVISOR	1									
			6							040700 FOOD SERVICES
			4							090203 FOOD MANAGEMENT PROD. & SERVICE
			2							172900 OTHER FOOD OCCUPATIONS
			2							172904 WAITER OR WAITRESS
TOTAL	118	52	14						52	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE	20	3								
										070304 PSYCHIATRIC AID
TOTAL	20	3							17	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	3									
078.381.0 MEDICAL LABORATORY ASSISTANT	2	1								
078.381.2 MEDICAL LABORATORY TECHNICIAN	2									070203 MEDICAL LABORATORY ASSISTING
TOTAL	7	1							6	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	39	1								070301 NURSING (ASSOCIATE DEGREE)
TOTAL	39	1							38	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	37	6								
			1	85						070302 PRACTICAL (VOC) NURSING
TOTAL	37	6	1	85					-55	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 210										
355.878.0 NURSE AIDE	114	34								
				4	70					070303 NURSE ASSISTANCE (AID)
			9							070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	114	34	9	4	70				-3	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	2									
										070305 SURGICAL TECHNICIAN
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	1									
079.128.1 RECREATIONAL THERAPIST										
079.368.1 OCCUPATIONAL THERAPIST AIDE										
355.878.2 PHYSICAL THERAPIST AIDE	4									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	5								5	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN										070901 E.E.G. TECHNICIAN
TOTAL									0	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN										070902 E.K.G. TECHNICIAN
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	2									070501 RADIOLOGIC TECHNICIAN 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	2								2	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	2									070903 INHALATION THERAPY
TOTAL	2								2	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	1									070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	5									079901 MEDICAL RECORD CLERK
TOTAL	5								5	
CLUSTER NO. 300										
219.388.1 WARD CLERK	6				3					079902 WARD CLERK
TOTAL	6				3				3	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	2									070210 MEDICAL RECORD TECHNICIAN
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	1	2								
359.878.1 TEACHER AIDE	13									
			2	2						090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	14	2	2	2					8	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	3									
785.381.0 SEAMSTRESS OR TAILOR	4									
786.787.0 SEWING MACHINE OPERATOR	152	33								
			1							090103 CLOTH AND TEXTILES
			2	2	14					090202 CLOTHING MGMT., PROD. & SERVICE
			2							090204 HOME FURNISHING SERVICES
										173302 TAILORING
TOTAL	159	33	5	2	14				105	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	8	2								
160.288.0 COST ESTIMATOR	1									
168.288.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	1									
209.388.1 STATEMENT CLERK	1									
210.388.0 HAND BOOKKEEPER	74	21								
211.368.0 CASHIER	28	12								
212.368.0 BANKING TELLER	19	3								
215.388.0 BOOKKEEPING MA-CHINE OPERATOR	11	3								
215.488.0 PAYROLL CLERK	6	4								
217.388.0 TRANSIT CLERK	4									
219.488.0 ACCOUNTING CLERK	31	5								
249.368.0 CREDIT CLERK										
249.368.1 CLAIMS CLERK (INSURANCE)	3									
249.368.2 NEW ACCOUNT CLERK	4									
			19		33			2		140100 ACCOUNTING AND COMPUTING
TOTAL	191	50	19		33			2	87	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	2									
162.288.0 TITLE CLERK	1									
			2	3						140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	3		2	3					-2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	20	9								
219.388.0 SORTING CLERK										
219.388.3 GENERAL OFFICE CLERK	134	41								
219.388.4 TIME KEEPER										
237.368.0 ADMITTING CLERK	1									
249.388.0 LOAN CLOSER										
			26		6			13		140300 GENERAL OFFICE CLERICAL OCCUP.
			25		32					140900 TYPING & RELATE OCCUPATIONS
			4							149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	155	49	55		38			13	0	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	9	3								
233.388.0 MAIL CARRIER	8	3								
										140403 MAIL AND POSTAL CLERKS
TOTAL	17	6							11	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	18	7								
239.588.0 METER READER		1								
										140400 INFORM, COMMUN-ICATIONS OCCUP.
TOTAL	18	8							10	
CLUSTER NO. 390							1			
205.368.0 PERSONNEL CLERK	6	1								
			2							140600 PERSONNEL, TRA-INING & RELATED
TOTAL	6	1	2						3	
CLUSTER NO. 400										
201.368.0 SECRETARY	73	34								
202.388.0 STENOGRAPHER	39	15								
			66		22			16		140700 SECRETARY OR STENOGRAPHER
			1							140703 MEDICAL SEC-RETARY
TOTAL	112	49	67		22			16	-42	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR										
213.582.0 KEYPUNCH OPERATOR	48	7								
213.782.0 TABULATING MACHINE OPERATOR	17	5								
			1		9					140200 BUSINESS DATA PROCESSING
TOTAL	65	12	1		9				43	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL		1								
003.281.0 DRAFTSMAN, ELECTRICAL										
003.281.1 DRAFTSMAN, ELECTRONIC	1									
005.281.0 DRAFTSMAN, CIVIL	1									
007.181.1 DIE TOOL DESIGNER										
007.281.0 DRAFTSMAN, MECHANICAL	2	3								
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP	1									
										160103 ARCHITECTURAL TECHNOLOGY
				4						160198 DRAFTING AND DESIGN
			17							171300 DRAFTING
TOTAL	5	4	17	4					-20	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
022.081.0 CHEMIST	7	1								
029.281.0 LABORATORY TESTER	3									160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	10	1							9	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	3									
018.188.0 SURVEYOR		1								160106 CIVIL TECHNOLOGY
TOTAL	3	1							2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN	5									
003.181.1 ELECTRICAL TECHNICIAN	2	4								
				6						160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY 160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	7	4		6					-3	
CLUSTER NO. 460										
012.268.0 INDUSTRIAL TECHNICIAN										
019.281.0 QUALITY CONTROL TECHNICIAN		1								
										160111 INDUSTRIAL TECHNOLOGY
TOTAL		1							-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1[illegible]73

REGI[illegible] III: [illegible]THEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN										160112 INSTRUMENTATION TECHNOLOGY 172100 INSTRUMENT MAINT, & REPAIR
TOTAL									0	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN	2	1								
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	3									
710.281.1 ELECTROMECHANICAL TECHNICIAN										160109 ELECTROMECHANIC TECHNOLOGY 160113 MECHANICAL TECHNOLOGY
					5					
TOTAL	5	1			5				-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)	2									
549.280.0 PUMPMAN (PETROLEUM REFINING)										160116 PETROLEUM TECHNOLOGY
TOTAL	2								2	
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER	5									
					2					160117 SCIENTIFIC DATA PROCESSING
TOTAL	5				2				3	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER										160197 TECHNICAL WRITING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST	3									
020.188.? BUSINESS PROGRAMMER	5	2								
213.382.1 DIGITAL COMPUTER OPERATOR	4									
219.388.2 PROGRAM CODER	5									
				33	19					160401 COMPUTER SCIENCE
TOTAL	17	2		33	19				-37	
CLUSTER NO. 530										
168.168.? BUILDING INSPECTOR	1									
373.884.? FIREMAN	3									
										160602 FIRE AND FIRE SAFETY TECH.
										172801 FIREMAN TRAINING
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	3	1								160605 POLICE SCIENCE TECHNOLOGY
377.868.0 SHERIFF	1									172802 LAW ENFORCEMENT TRAINING
TOTAL	4	1							3	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	2	3								172899 PUBLIC SERVICE OCCUPATIONS
195.228.0 RECREATION LEADER	1	1								
TOTAL	3	4							-1	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	3									
			6	4	23					170100 AIR CONDITION & HEATING
TOTAL	3		6	4	23				-30	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	15	4								
899.281.0 MAINTENANCE MAN, EQUIPMENT	24	5								170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	39	9							30	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	5	1								
			6							170200 APPLIANCE REPAIR
TOTAL	5	1	6						-2	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	14	2								
845.781.0 AUTO PAINTER	4	1								
			12	8	13					170301 BODY AND FENDER
TOTAL	18	3	12	8	13				-18	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
620.281.0 AUTO MECHANIC	49	15				2				
620.281.1 AUTO - AIR CONDITIONING	2									
			41	4	19					170302 AUTO MECHANICS
TOTAL	51	15	41	4	19	2			-30	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	4	2								
223.387.0 AUTO PARTS CLERK	7	2								
			1							040300 AUTOMOTIVE
			4	1						170399 AUTOMOTIVE SERVICES
TOTAL	11	4	5	1					1	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC		2								
621.281.1 JET ENGINE MECHANIC										
621.781.0 AIRCRAFT ACCESSORIES MECHANIC										160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL		2							-2	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COMMERCIAL ARTIST										
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)										170700 COMMERCIAL ART
TOTAL									0	

REGION 01: SOUTHEAST

NET ADDITIONAL MANPOWER REQUIREMENTS
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CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: PESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN										
TOTAL			1							
			1						-1	170900 COMMERCIAL PHOTOGRAPHY
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	3	1								
841.781.0 PAINTER OR PAPERHANGER	10	1								
860.381.0 CARPENTER	18	2								
899.361.0 MAINTENANCE MAN, BUILDING	11	2								
TOTAL			17	1						
	42	6	17	1					18	171001 CARPENTRY

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN		1								
726.781.0 ELECTRONICS ASSEMBLER	71	7								
821.381.0 LINEMAN	4									
822.381.0 TELEPHONE INSTALLER	11	1								
824.281.0 ELECTRICIAN	20	7								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	1									
			5	2	5					171002 ELECTRICITY 171402 ELECTRICAL LINEMAN
					1					171502 ELECTRONICS
TOTAL	107	16	5	2	6				78	
CLUSTER NO. 670										
382.884.0 JANITOR	21	5								
										171100 CUSTODIAL SERVICES
TOTAL	21	5							16	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	5	3								
			1	1						171200 DIESEL MECHANICS
TOTAL	5	3	1	1					0	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	2	1								
823.281.0 RADIO MECHANIC	2									
				1	2					171503 RADIO/TV
TOTAL	4	1		1	2				0	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	1									
651.782.0 CYLINDER-PRESS MAN	2									
651.782.1 OFFSET-PRESS MAN	11									171901 COMPOSITION, MAKEUP & TYPE-SET
			2	3						171902 PRINTING
TOTAL	14		2	3					9	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	5	1								
600.381.0 LAYOUT MAN (MACHINE SHOP)	1									
603.280.0 PRECISION GRINDER										
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	22	4								
705.884.0 BENCH GRINDER										
			1	5	11					172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	28	5	1	5	11				6	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)										172399 METALWORKING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										
TOTAL									0	172304 METAL TRADES, COMBINED
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS										
601.280.1 TOOL MACHINE SET-UP OPERATOR	2									
TOTAL	2								2	172307 TOOL AND DIE MAKING
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR										
617.380.0 BRAKE OPERATOR										
619.380.0 METAL FABRICATOR	1									
804.281.0 SHEET METAL WORKER	4	1								
TOTAL	5	1							4	172305 SHEET METAL

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER										172400 METALLURGY
TOTAL									0	
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	1	1								
809.381.0 LAYOUT MAN (STRUCTURAL)		1								171099 CONSTRUCTION & MAINT. TRADE
TOTAL	1	2							-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 11: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	4									
810.884.0 WELDER, ARC	24	2								
810.884.1 WELDER, GAS										
812.884.0 WELDER, COMBINATION	25	6				1				
816.782.0 FLAME CUTTER MACHINE OPERATOR										
816.884.0 FLAME CUTTER, HAND										
			23		2					010300 AGRICULTURAL MECHANICS
			11	1	12					172306 WELDING & CUTTING
TOTAL	53	8	34	1	14	1			-5	
CLUSTER NO. 800										
526.781.0 BAKER	1									
										172901 BAKER
TOTAL	1								1	
CLUSTER NO. 810										
313.131.0 CHEF										
313.361.0 COOK	31	16				1				
			1							172902 COOK/CHEF
TOTAL	31	16	1			1			13	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ES REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	3	1								171600 LAUNDERING & DRY CLEANING
TOTAL	3	1							2	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	14	4			4					173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	14	4			4				6	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	2									
952.782.0 POWER PLANT OPERATOR	3									173200 STATIONARY ENERGY SOURCES OCC
TOTAL	5								5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	3	1								
525.381.0 BUTCHER, ALL ROUND										
525.884.0 BONER OR SKINNER		1								
										172903 BUTCHER (MEAT CUTTER)
TOTAL	3	2							1	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	2	1								
										173500 UPHOLSTERY
TOTAL	2	1							1	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	3	1								
669.380.0 MILL MAN	4									
763.381.0 FURNITURE FINISHER	6									
					4					173601 CABINET MAKING
TOTAL	13	1			4				8	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	5	2								
861.381.0 BRICK LAYER	15	2								
										171004 MASONRY
TOTAL	20	4							16	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OP-ERATOR (MINING)										
859.983.0 HEAVY EQUIPMENT OPERATOR	8	2								
			3							171003 HEAVY EQUIPMENT
TOTAL	8	2	3						3	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER		*								
750.884.0 TIRE BUILDER										
										179800 TIRE MANUFACT-URING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 01: NORTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OP-ERATER (GLASS)										
706.884.0 ASSEMBLER, METAL PRODUCTS	24	6								
										179900 TRADE AND IN-DUSTRIAL OCC.
TOTAL	24	6							18	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	2									
**400.000.0 FARM MANAGER	78									
*404.869.0 PRUNER--PICKER	18									
*413.181.0 FEEDLOT WORKER	1									
**421.883.0 FARM HAND, GENERAL	7									
466.887.0 LIVESTOCK CARETAKER	1	1								
			48							010100 AGRICULTURAL PRODUCTION
			5							160201 RANCH OPERATION
TOTAL	107	1	53						53	
CLUSTER NO. 20										
162.157.0 BUYER (WHOLESALE/RETAIL)	10	2								
*520.685.0 FEED/FERTILIZER MIXER	2									
			4							010200 AGRICULTURAL SUPPLIES/SERVICE
TOTAL	12	2	4						6	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

[illegible]

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	3									010400 AGRICULTURAL PRODUCTS
TOTAL	3								3	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	2									
*624.281.0 AGRICULTURAL MECHANIC	7					7				
			24		2					010300 AGRICULTURAL MECHANICS 179902 FARM MACHINERY REPAIR
TOTAL	9		24		2	7			-24	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	5									
*406.168.0 GREENHOUSE MAN	32									
407.884.0 GROUNDSKEEPER	9	2								
			4							010500 ORNAMENTAL HORTICULTURE 040500 FLORISTRY
TOTAL	46	2	4						40	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT										
169.188.0 UNDERWRITER	1									
241.168.0 CLAIM ADJUSTER	2									
250.258.0 INSURANCE SALESMAN	3									041300 INSURANCE
TOTAL	6								6	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER	1									041700 REAL ESTATE
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	ESC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 99										
260.289.0 SALES OCCUPATIONS (GOODS)	38	11								
290.478.0 SALES CLERK	183	46								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	11	3								
915.867.0 SERVICE STATION ATTENDANT	9	5								
			3							010200 AGRICULTURAL SUPPLIES/SERVICE
			1							010400 AGRICULTURAL PRODUCTS
			1							040200 APPAREL AND ACCESSORIES
			1							040300 AUTOMOTIVE
			6							040600 FOOD DISTRIBUTION
			4							040800 GENERAL MERCHANDISE
			2							040900 HDW, BLDG. MAT, FARM SUPPLIES & EQP
										041000 HOME FURNISHING
										041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
			2							041600 PETROLEUM
										041800 RECREATION AND TOURISM
										042000 RETAIL TRADE
			2							043100 WHOLESALE TRADE
TOTAL	240	65	22						153	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	31	6								
			1							049901 MID MANAGEMENT
TOTAL	31	6	1						24	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	4	1								
			1							041100 HOTEL AND LODGING
TOTAL	4	1	1						2	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	30	2								
			1							040100 ADVERTISING SERVICES
										040400 FINANCE AND CREDIT
			3							041500 PERSONAL SERVICES
			1							041900 TRANSPORTATION
TOTAL	30	2	5						23	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 12: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	MESC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER										
132.288.0 COPY READER										
165.068.0 PUBLIC RELATIONS	2									040100 ADVERTISING SERVICES
TOTAL	2								2	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	2									
902.883.0 DUMP TRUCK DRIVER	4									
904.883.0 TRACTOR TRAILER TRUCK DRIVER	4	2								
905.883.0 TRUCK DRIVER (HEAVY)	22	10								
906.883.0 TRUCK DRIVER (LIGHT)	49	20								
913.463.0 BUS DRIVER	4	1								
922.883.0 FORKLIFT OPERATOR	26	4								
929.887.0 MATERIAL HANDLER	26	9								041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	137	46							91	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	PUBLIC SECONDARY	PUBLIC POST SECONDARY	PUBLIC ADULT	FEDERAL MDTA	FEDERAL OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	34	15								090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	34	15							19	
CLUSTER NO. 160										
310.868.0 HOSTESS	3									
311.878.0 WAITRESS OR WAITER	161	59								
318.887.0 DISHWASHER	17	9								
319.138.0 FOOD SERVICE SUPERVISOR	6	2								
			5							040700 FOOD SERVICES
										090203 FOOD MANAGEMENT PROD. & SERVICE
										172900 OTHER FOOD OCCUPATIONS
			1							172904 WAITER OR WAITRESS
TOTAL	187	70	6						111	
CLUSTER NO. 170										
355.378.1 PSYCHIATRIC AIDE										070304 PSYCHIATRIC AID
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESG. REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	4									
078.381.0 MEDICAL LABORATORY ASSISTANT	18	3								
078.381.2 MEDICAL LABORATORY TECHNICIAN	4									070203 MEDICAL LABORATORY ASSISTING
TOTAL	26	3							23	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	44	1								
				26						070301 NURSING (ASSOCIATE DEGREE)
TOTAL	44	1		26					17	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	[illegible]	2								
				42						070302 PRACTICAL (VOC) NURSING
TOTAL	89	2		42					29	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	124	41				19				
					11					070303 NURSE ASSIS-TANCE (AID)
										070399 NURSING OTHER
			11							079900 HEALTH SERVICES
TOTAL	124	41	11		11	19			42	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	5									
										070305 SURGICAL TECHNICIAN
TOTAL	5								5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	1									
079.128.1 RECREATIONAL THERAPIST										
079.368.1 OCCUPATIONAL THERAPIST AIDE										
355.878.2 PHYSICAL THERAPIST AIDE	2									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	3								3	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN	2									070901 E.E.G. TECHNICIAN
TOTAL	2								2	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN	11									070902 E.K.G. TECHNICIAN
TOTAL	11								11	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	18									070501 RADIOLOGIC TECHNICIAN 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	18								18	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	5									070903 INHALATION THERAPY
TOTAL	5								5	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	1									070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	4					3				079901 MEDICAL RECORD CLERK
TOTAL	4					3			1	
CLUSTER NO. 300										
219.388.1 WARD CLERK	11	1				12				079902 WARD CLERK
TOTAL	11	1				12			-2	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	2									070210 MEDICAL RECORD TECHNICIAN
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	3	1								
359.878.1 TEACHER AIDE	13									090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	16	1							15	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	1									
785.381.0 SEAMSTRESS OR TAILOR	2									
786.787.0 SEWING MACHINE OPERATOR	33	19								090103 CLOTH AND TEXTILES
					17					090202 CLOTHING MGMT., PROD. & SERVICE 090204 HOME FURNISHING SERVICES 173302 TAILORING
TOTAL	36	19			17				0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	8	3								
160.288.0 COST ESTIMATOR	2									
168.288.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	2									
209.388.1 STATEMENT CLERK	2									
210.388.0 HAND BOOKKEEPER	41	9				6				
211.368.0 CASHIER	36	11								
212.368.0 BANKING TELLER	8	4								
215.388.0 BOOKKEEPING MACHINE OPERATOR	13	2								
215.488.0 PAYROLL CLERK	14	1								
217.388.0 TRANSIT CLERK	1									
219.488.0 ACCOUNTING CLERK	16	7								
249.368.0 CREDIT CLERK	1									
249.368.1 CLAIMS CLERK (INSURANCE)	1									
249.368.2 NEW ACCOUNT CLERK	1									
				1	13		8			140100 ACCOUNTING AND COMPUTING
TOTAL	146	37		1	13	6	8		81	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	16									
162.288.0 TITLE CLERK										
				2						140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	16			2					14	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	54	27				2	16			
219.388.0 SORTING CLERK										
219.388.3 GENERAL OFFICE CLERK	79	33				5				
219.388.4 TIME KEEPER										
237.368.0 ADMITTING CLERK	5									
249.388.0 LOAN CLOSER	1									
			11							140300 GENERAL OFFICE CLERICAL OCCUP.
			18	7						140900 TYPING & RELATE OCCUPATIONS
										149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	139	60	29	7		7	16		20	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	11	1								
233.388.0 MAIL CARRIER	23	11								140403 MAIL AND POSTAL CLERKS
TOTAL	34	12							22	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	26	9								
239.588.0 METER READER	6									140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	32	9							23	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	6	3								140600 PERSONNEL, TRAINING & RELATED
TOTAL	6	3							3	
CLUSTER NO. 400										
201.368.0 SECRETARY	92	31					2			
202.388.0 STENOGRAPHER	23	7				12				
			12	9			3			140700 SECRETARY OR STENOGRAPHER
				5						140703 MEDICAL SECRETARY
TOTAL	122	38	12	14		12	5		41	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVER-TER OPERATOR										
213.582.0 KEYPUNCH OPERATOR	12	1					3			
213.782.0 TABULATING MACHINE OPERATOR	2									
			1		5		5			140200 BUSINESS DATA PROCESSING
TOTAL	1	1	1		5		8		-1	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL										
003.281.0 DRAFTSMAN, ELECTRICAL										
003.281.1 DRAFTSMAN, ELECTRONIC	1									
005.281.0 DRAFTSMAN, CIVIL	2	1								
007.181.1 DIE TOOL DESIGNER										
007.281.0 DRAFTSMAN, MECHANICAL	23	1								
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP										
			2							160103 ARCHITECTURAL TECHNOLOGY
				7						160199 DRAFTING AND DESIGN
			1							171300 DRAFTING
TOTAL	26	2	3	7					14	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 430										
022.081.0 CHEMIST	3									
029.281.0 LABORATORY TESTER	3	1								160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	6	1							5	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	3									
018.188.0 SURVEYOR	1	1								160106 CIVIL TECHNOLOGY
TOTAL	4	1							3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN	1									
003.181.1 ELECTRICAL TECHNICIAN	2	2								
			1							160107 ELECTRICITY
				1						160108 ELECTRONIC TECHNOLOGY
										160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	3	2	1	1					-1	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN										
019.281.0 QUALITY CONTROL TECHNICIAN	2									
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	1									160112 INSTRUMENTATION TECHNOLOGY 172100 INSTRUMENT MAINT. & REPAIR
TOTAL	1								1	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN	1									
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	15	3								
710.281.1 ELECTROMECHANICAL TECHNICIAN										160109 ELECTROMECHANIC TECHNOLOGY 160113 MECHANICAL TECHNOLOGY
TOTAL	16	3							13	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)	1									
549.280.0 PUMPMAN (PETROLEUM REFINING)										160116 PETROLEUM TECHNOLOGY
TOTAL	1								1	
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER	1									160117 SCIENTIFIC DATA PROCESSING
TOTAL	1								1	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER										160197 TECHNICAL WRITING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST	2									
020.188.0 BUSINESS PROGRAMMER	2	2								
213.382.1 DIGITAL COMPUTER OPERATOR	1									
219.383.2 PROGRAM CODER	3									160401 COMPUTER SCIENCE
TOTAL	8	2							6	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR	1	1								
373.884.0 FIREMAN	5									160602 FIRE AND FIRE SAFETY TECH. 172801 FIREMAN TRAINING
TOTAL	6	1							5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	13	1								
377.868.0 SHERIFF	1									160605 POLICE SCIENCE TECHNOLOGY 172802 LAW ENFORCEMENT TRAINING
TOTAL	14	1							13	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	11	4								
195.228.0 RECREATION LEADER	2	2								172899 PUBLIC SERVICE OCCUPATIONS
TOTAL	13	6							7	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	2									
			11	5	24		8			170100 AIR CONDITION & HEATING
TOTAL	2		11	5	24		8		-46	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	17	5								
899.281.0 MAINTENANCE MAN, EQUIPMENT	18	4								
			7							170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	35	9	7						19	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	2	2								170200 APPLIANCE REPAIR
TOTAL	2	2							0	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	12	1								
845.781.0 AUTO PAINTER	4	1								
			12	11	6		4			170301 BODY AND FENDER
TOTAL	16	2	12	11	6		4		-19	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	54	11				17				
620.281.1 AUTO - AIR CONDITIONING	4									
			24	7	3		6			170302 AUTO MECHANICS
TOTAL	58	11	24	7	3	17	6		-10	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	1	2								
223.387.0 AUTO PARTS CLERK	10	4								
			1							040300 AUTOMOTIVE
				3			1			170399 AUTOMOTIVE SERVICES
TOTAL	11	6	1	3			1		0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC	1									
621.281.1 JET ENGINE MECHANIC										
621.781.0 AIRCRAFT ACCESSORIES MECHANIC										
			4		4					160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL	1		4		4				-7	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COMMERCIAL ARTIST		1								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	1									
										170700 COMMERCIAL ART
TOTAL	1	1							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN	1									
										170900 COMMERCIAL PHOTOGRAPHY
TOTAL	1								1	
CLUSTER NO. 650										
741.384.0 SPRAY PAINTER	7	1								
841.781.0 PAINTER OR PAPERHANGER	14	1								
860.381.0 CARPENTER	25	11								
899.381.0 MAINTENANCE MAN, BUILDING	10	5				1				
			50				13			171001 CARPENTRY
TOTAL	56	18	50			1	13		-26	

NET ADDITIONAL MANPOWER REQUIREMENTS
1974

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 66?										
721.281.0 ELECTRIC MOTOR REPAIRMAN	1									
726.781.0 ELECTRONICS ASSEMBLER	6									
821.381.0 LINEMAN	3									
822.381.0 TELEPHONE INSTALLER	7									
824.281.0 ELECTRICIAN	29	4								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	1	1								
			3	4	3		1			171002 ELECTRICITY 171402 ELECTRICAL LINEMAN 171502 ELECTRONICS
TOTAL	46	5	3	4	3		1		30	
CLUSTER NO. 67?										
382.884.0 JANITOR	22	7								171100 CUSTODIAL SERVICES
TOTAL	22	7							15	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	19	1		2		3	1			171200 DIESEL MECHANICS
TOTAL	19	1		2		3	1		12	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	4	2								
823.281.0 RADIO MECHANIC	1									
			1	3			1			171503 RADIO/TV
TOTAL	5	2	1	3			1		-2	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	2									
651.782.1 CYLINDER-PRESS MAN	4									
651.782.1 OFFSET-PRESS MAN	14									171901 COMPOSITION, MAKEUP & TYPE-SET
			10	2			1			171902 PRINTING
TOTAL	20		10	2			1		7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	13	2					8			
600.381.0 LAYOUT MAN (MACHINE SHOP)	1									
603.280.0 PRECISION GRINDER										
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	8	1								
705.884.0 BENCH GRINDER		2								
			10							172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	22	5	10				8		-1	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)	1									172399 METALWORKING
TOTAL	1								1	

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSE- MBLY ASSEMBLER										172304 METAL TRADES, COMBINED
TOTAL									0	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	3									
601.280.1 TOOL MACHINE SET- UP OPERATOR										172307 TOOL AND DIE MAKING
TOTAL	3								3	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR	1									
617.380.0 BRAKE OPERATOR	4									
619.380.0 METAL FABRICATOR	21	3								
804.281.0 SHEET METAL WORKER	6									172305 SHEET METAL
TOTAL	32	3							29	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER	2		1							172400 METALLURGY
TOTAL	2		1						1	
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	5									
809.381.0 LAYOUT MAN (STRUCTURAL)										171099 CONSTRUCTION & MAINT, TRADE
TOTAL	5								5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	12	2								
810.884.0 WELDER, ARC	34	8				5				
810.884.1 WELDER, GAS						2				
812.884.0 WELDER, COMBINATION	25	9				26				
816.782.0 FLAME CUTTER MACHINE OPERATOR		1								
816.884.0 FLAME CUTTER, HAND		1				1				
			24		2					010300 AGRICULTURAL MECHANICS
			11		4					172306 WELDING & CUTTING
TOTAL	71	21	35		6	34			-25	
CLUSTER NO. 800										
526.781.0 BAKER	2	2								
				2						172901 BAKER
TOTAL	2	2		2					-2	
CLUSTER NO. 810										
313.131.0 CHEF										
313.381.0 COOK	107	21				1				
				2			1			172902 COOK/CHEF
TOTAL	107	21		2		1	1		82	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS- TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV- ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	4	3								171600 LAUNDERING & DRY CLEANING
TOTAL	4	3							1	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	14	2				12				
				2	1		5			173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	14	2		2	1	12	5		-8	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	4	1								
952.782.0 POWER PLANT OPERATOR	5									173200 STATIONARY ENERGY SOURCES OCC
TOTAL	9	1							8	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	4	1								
525.381.0 BUTCHER, ALL ROUND	11	1								
525.884.0 BONER OR SKINNER	1	2								172903 BUTCHER (MEAT CUTTER)
TOTAL	16	4							12	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	1									173500 UPHOLSTERY
TOTAL	1								1	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	3									
669.380.0 MILL MAN	1									
763.381.0 FURNITURE FINISHER										
			3		3					173601 CABINET MAKING
TOTAL	4		3		3				-2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	3	2								
861.381.0 BRICK LAYER	15	2								
			8							171004 MASONRY
TOTAL	18	4	8						6	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OPERATOR (MINING)	4									
859.883.0 HEAVY EQUIPMENT OPERATOR	8	3				30				
										171003 HEAVY EQUIPMENT
TOTAL	12	3				30			-21	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER	*									
750.884.0 TIRE BUILDER										
										179800 TIRE MANUFACTURING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 02: MID-EAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)	3									
575.782.0 BOTTLE MACHINE OPERATOR (GLASS)	4	2								
706.884.0 ASSEMBLER, METAL PRODUCTS	27	5								
										179900 TRADE AND INDUSTRIAL OCC.
TOTAL	34	7							27	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	2									
**400.000.0 FARM MANAGER	92									
*404.880.0 PRUNER--PICKER	49									
*413.181.0 FEEDLOT WORKER	3									
**421.883.0 FARM HAND, GENERAL	6									
466.887.0 LIVESTOCK CARETAKER	14	5								
			86							010100 AGRICULTURAL PRODUCTION
			1	4						160201 RANCH OPERATION
TOTAL	166	5	87	4					70	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/RETAIL)	4	4								
*520.885.0 FEED/FERTILIZER MIXER	1									
			8							010200 AGRICULTURAL SUPPLIES/SERVICE
TOTAL	5	4	8						-7	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	61									010400 AGRICULTURAL PRODUCTS
TOTAL	61								61	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	3									
*624.281.0 AGRICULTURAL MECHANIC	24									
			33		8					010300 AGRICULTURAL MECHANICS
			2							179902 FARM MACHINERY REPAIR
TOTAL	27		35		8				-16	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	5									
*406.168.0 GREENHOUSE MAN	2									
407.884.0 GROUNDSKEEPER	3	1								
			1							010500 ORNAMENTAL HORTICULTURE
										040500 FLORISTRY
TOTAL	10	1	1						9	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT										
169.188.0 UNDERWRITER										
241.168.0 CLAIM ADJUSTER										
250.258.0 INSURANCE SALESMAN	1									041300 INSURANCE
TOTAL	1								1	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER										041700 REAL ESTATE
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	48	13								
290.478.0 SALES CLERK	112	29								
292.359.0 SALESMAN-DRIVER (ROUTEMAN)	16	2								
915.867.0 SERVICE STATION ATTENDANT	8	3								
			7							010200 AGRICULTURAL SUPPLIES/SERVICE
			1							010400 AGRICULTURAL PRODUCTS
			3							040200 APPAREL AND ACCESSORIES
			2							040300 AUTOMOTIVE
			7							040600 FOOD DISTRIBUTION
			6							040800 GENERAL MERCHANDISE
			3							040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
			1							041000 HOME FURNISHING
										041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
			1							041600 PETROLEUM
			1							041800 RECREATION AND TOURISM
										042000 RETAIL TRADE
			2							043100 WHOLESALE TRADE
TOTAL	184	47	34						103	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	13	1								
			4	4						049901 MID MANAGEMENT
TOTAL	13	1	4	4					4	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	3	2								
										041100 HOTEL AND LODGING
TOTAL	3	2							1	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	14	1								
										040100 ADVERTISING SERVICES
			2							040400 FINANCE AND CREDIT
			4							041500 PERSONAL SERVICES
										041900 TRANSPORTATION
TOTAL	14	1	6						7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER										
132.288.0 COPY READER										
165.068.0 PUBLIC RELATIONS	11									040100 ADVERTISING SERVICES
TOTAL	11								11	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	1									
902.883.0 DUMP TRUCK DRIVER	18	4								
904.883.0 TRACTOR TRAILER TRUCK DRIVER	3	1								
905.883.0 TRUCK DRIVER (HEAVY)	12	7								
906.883.0 TRUCK DRIVER (LIGHT)	25	9								
913.463.0 BUS DRIVER	3	2								
922.883.0 FORKLIFT OPERATOR	18	3								
929.887.0 MATERIAL HANDLER	32	10								041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	112	36							76	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	ESC REGIS-TRANTS	PUBLIC SECONDARY	PUBLIC POST SECONDARY	PUBLIC ADULT	FEDERAL MDTA	FEDERAL OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	16	2								
										090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	16	2							14	
CLUSTER NO. 160										
310.868.0 HOSTESS	2									
311.878.0 WAITRESS OR WAITER	81	41								
318.887.0 DISHWASHER	9	6								
319.138.0 FOOD SERVICE SUPERVISOR	4	2								
			3							040700 FOOD SERVICES
			4							090203 FOOD MANAGEMENT PROD. & SERVICE
			1							172900 OTHER FOOD OCCUPATIONS
			2							172904 WAITER OR WAITRESS
TOTAL	96	49	10						37	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE										070304 PSYCHIATRIC AID
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	3									
078.381.0 MEDICAL LABORATORY ASSISTANT	6	1								
078.381.2 MEDICAL LABORATORY TECHNICIAN	4									070203 MEDICAL LABORATORY ASSISTING
TOTAL	13	1							12	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	36	2								070301 NURSING (ASSOCIATE DEGREE)
TOTAL	36	2							34	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	43	4								
			2							070302 PRACTICAL (VOC) NURSING
TOTAL	43	4	2						37	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	61	24	16		16	124				070303 NURSE ASSISTANCE (AID) 070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	61	24	16		16	124			-119	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	3					5				070305 SURGICAL TECHNICIAN
TOTAL	3					5			-2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST										
079.128.1 RECREATIONAL THERAPIST										
079.368.1 OCCUPATIONAL THERAPIST AIDE										
355.878.2 PHYSICAL THERAPIST AIDE	3									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	3								3	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN										070901 E.E.G. TECHNICIAN
TOTAL									0	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN										070902 E.K.G. TECHNICIAN
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	3									
						1				070501 RADIOLOGIC TECHNICIAN; 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	3					1			2	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	4									070903 INHALATION THERAPY
TOTAL	4								4	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	1	1								070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	1	1							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	2					1				079901 MEDICAL RECORD CLERK
TOTAL	2					1			1	
CLUSTER NO. 300										
219.388.1 WARD CLERK	9									079902 WARD CLERK
TOTAL	9								9	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	1									070210 MEDICAL RECORD TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	1	2								
359.878.1 TEACHER AIDE	7									
			5		21					090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	8	2	5		21				-20	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	4									
785.381.0 SEAMSTRESS OR TAILOR	2									
786.787.0 SEWING MACHINE OPERATOR	88	31								
			9		1					090103 CLOTH AND TEXTILES 090202 CLOTHING MGMT., PROD. & SERVICE 090204 HOME FURNISHING SERVICES 173302 TAILORING
TOTAL	94	31	9		1				53	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	34	5								
160.288.0 COST ESTIMATOR	5									
168.283.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	1									
209.388.1 STATEMENT CLERK	2									
210.388.0 HAND BOOKKEEPER	31	8								
211.368.0 CASHIER	14	5								
212.368.0 BANKING TELLER	[illegible]	3								
215.388.0 BOOKKEEPING MA-CHINE OPERATOR	[illegible]	1								
215.488.0 PAYROLL CLERK	9	4								
217.388.0 TRANSIT CLERK										
219.488.0 ACCOUNTING CLERK	43	11								
249.368.0 CREDIT CLERK										
249.368.1 CLAIMS CLERK (INSURANCE)	1									
249.368.2 NEW ACCOUNT CLERK										
				1	40					140100 ACCOUNTING AND COMPUTING
TOTAL	167	37		1	40				89	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	6									
162.288.0 TITLE CLERK										
			1							140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	[illegible]		1						5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	36	19								
219.388.0 SORTING CLERK	1									
219.388.3 GENERAL OFFICE CLERK	55	21								
219.388.4 TIME KEEPER	1									
237.368.0 ADMITTING CLERK	3									
249.388.0 LOAN CLOSER	1									
			2		8					140300 GENERAL OFFICE CLERICAL OCCUP.
			1		12					140900 TYPING & RELATED OCCUPATIONS
			1							149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	97	40	4		20				33	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	7	2								
233.388.0 MAIL CARRIER	7	2								
										140403 MAIL AND POSTAL CLERKS
TOTAL	14	4							10	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	14	4								
239.588.0 METER READER	2	1								
			1							140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	16	5	1						10	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	3	1								140600 PERSONNEL, TRAINING & RELATED
TOTAL	3	1							2	
CLUSTER NO. 400										
201.368.0 SECRETARY	43	18					2			
202.388.0 STENOGRAPHER	13	3								
			24	1	8					140700 SECRETARY OR STENOGRAPHER
			2							140703 MEDICAL SECRETARY
TOTAL	56	21	26	1	8		2		-2	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR										
213.582.0 KEYPUNCH OPERATOR	3	5								
213.782.0 TABULATING MACHINE OPERATOR										
			7		5					140200 BUSINESS DATA PROCESSING
TOTAL	3	5	7		5				-14	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL										
003.281.0 DRAFTSMAN, ELECTRICAL										
003.281.1 DRAFTSMAN, ELECTRONIC										
005.281.0 DRAFTSMAN, CIVIL										
007.181.1 DIE TOOL DESIGNER										
007.281.0 DRAFTSMAN, MECHANICAL	3									
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP										
			6		14		1			160103 ARCHITECTURAL TECHNOLOGY 160198 DRAFTING AND DESIGN 171300 DRAFTING
TOTAL	3		6		14		1		-18	

UNMET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
022.081.0 CHEMIST										160105 CHEMICAL TECHNOLOGY
029.281.0 LABORATORY TESTER				2						160114 METALS TECHNOLOGY
TOTAL				2					-2	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	9	1								
018.188.0 SURVEYOR		1								160106 CIVIL TECHNOLOGY
TOTAL	9	2							7	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN										
003.181.1 ELECTRICAL TECHNICIAN		3								
				5	9					160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY
				1						160109 ELECTROMECHANIC TECHNOLOGY
TOTAL		3		6	9				-18	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN										
019.281.0 QUALITY CONTROL TECHNICIAN	2	1								
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	2	1							1	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	1									
										160112 INSTRUMENTATION TECHNOLOGY
										172100 INSTRUMENT MAINT, & REPAIR
TOTAL	1								1	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN										
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	14	2								
710.281.1 ELECTROMECHANICAL TECHNICIAN	2									
				2	1					160109 ELECTROMECHANIC TECHNOLOGY
				33	14					160113 MECHANICAL TECHNOLOGY
TOTAL	16	2		35	15				-36	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)										
549.280.0 PUMPMAN (PETROLEUM REFINING)										160116 PETROLEUM TECHNOLOGY
TOTAL									0	
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER										160117 SCIENTIFIC DATA PROCESSING
TOTAL									0	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER		1		4						160197 TECHNICAL WRITING
TOTAL		1		4					-5	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST										
020.188.0 BUSINESS PROGRAMMER		2								
213.382.1 DIGITAL COMPUTER OPERATOR										
219.388.2 PROGRAM CODER										
					6					160401 COMPUTER SCIENCE
TOTAL		2			6				-8	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR										
373.884.0 FIREMAN	2	1								160602 FIRE AND FIRE SAFETY TECH.
										172801 FIREMAN TRAINING
TOTAL	2	1							1	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 63: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	3	1								
377.863.0 SHERIFF	2									
								2		160605 POLICE SCIENCE TECHNOLOGY 172802 LAW ENFORCEMENT TRAINING
TOTAL	5	1						2	2	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	47	1								
195.228.0 RECREATION LEADER	2	2								172899 PUBLIC SERVICE OCCUPATIONS
TOTAL	49	3							46	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	2					27				
			16	1	31					170100 AIR CONDITION & HEATING
TOTAL	2		16	1	31	27			-73	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	9	1								
899.281.0 MAINTENANCE MAN, EQUIPMENT	19	5								
			42		1					170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	28	6	42		1				-21	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	3									
										170200 APPLIANCE REPAIR
TOTAL	3								3	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	8	1								
845.781.0 AUTO PAINTER	4	2								
			7	3						170301 BODY AND FENDER
TOTAL	12	3	7	3					-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	44	19				36				
620.281.1 AUTO - AIR CONDI-TIONING	6									
			35	6	8					170302 AUTO MECHANICS
TOTAL	50	19	35	6	8	36			-54	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	2	1								
223.387.0 AUTO PARTS CLERK	5	4								
			1							040300 AUTOMOTIVE
			4	2						170399 AUTOMOTIVE SERVICES
TOTAL	7	5	5	2					-5	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS	
CLUSTER NO. 620											
621.281.0 AIRCRAFT AND ENGINE MECHANIC		1									
621.281.1 JET ENGINE MECHANIC											
621.781.0 AIRCRAFT ACCESS-ORIES MECHANIC											
										160101	AERONAUTICAL TECHNOLOGY
										170401	AIRCRAFT MAINTENANCE
TOTAL		1							-1		
CLUSTER NO. 630											
141.081.0 ILLUSTRATOR--COM-MERCIAL ARTIST											
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	1										
										170700	COMMERCIAL ART
TOTAL	1								1		

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.052.0 PHOTOGRAPHER OR CAMERAMAN		1								
										170900 COMMERCIAL PHOTOGRAPHY
TOTAL		1							-1	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	6	2								
841.781.0 PAINTER OR PAPERHANGER	11	7								
860.381.0 CARPENTER	16	13								
899.381.0 MAINTENANCE MAN, BUILDING	10	6				1				
			40				2			171001 CARPENTRY
TOTAL	43	28	40			1	2		-28	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN		1								
726.781.0 ELECTRONICS ASSEMBLER	15	6								
821.381.0 LINEMAN	5	1								
822.381.0 TELEPHONE INSTALLER	5	1								
824.281.0 ELECTRICIAN	24	5								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	1									
			2	1	3					171002 ELECTRICITY
										171402 ELECTRICAL LINEMAN
			6							171502 ELECTRONICS
TOTAL	50	14	8	1	3				24	
CLUSTER NO. 670										
382.884.0 JANITOR	14	11								
			2							171100 CUSTODIAL SERVICES
TOTAL	14	11	2						1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	17	2								
			2	2						171200 DIESEL MECHANICS
TOTAL	17	2	2	2					11	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	1	1								
823.281.0 RADIO MECHANIC	1									
				2						171503 RADIO/TV
TOTAL	2	1		2					-1	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	1									
651.782.0 CYLINDER-PRESS MAN	2									
651.782.1 OFFSET-PRESS MAN	6									
										171901 COMPOSITION, MAKEUP & TYPE-SET
			3	2						171902 PRINTING
TOTAL	9		3	2					4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	10	1					1			
600.381.0 LAYOUT MAN (MACHINE SHOP)										
603.280.0 PRECISION GRINDER	1									
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	7	3								
705.884.0 BENCH GRINDER		1								
			6	2						172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	18	5	6	2			1		4	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)										172399 METALWORKING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										172304 METAL TRADES, COMBINED
TOTAL									0	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	1									
601.280.1 TOOL MACHINE SET-UP OPERATOR										172307 TOOL AND DIE MAKING
TOTAL	1								1	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR										
617.380.0 BRAKE OPERATOR										
619.380.0 METAL FABRICATOR										
804.281.0 SHEET METAL WORKER	2	2								172305 SHEET METAL
TOTAL	2	2							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 770										
504.782.0 HEAT TREATER										172400 METALLURGY
TOTAL									0	
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	7	9								
809.381.0 LAYOUT MAN (STRUCTURAL)										171099 CONSTRUCTION & MAINT, TRADE
TOTAL	7	9							-2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	2	1								
810.384.0 WELDER, ARC	20	11								
810.884.1 WELDER, GAS	13									
812.884.0 WELDER, COMBINATION	18	7				46				
816.782.0 FLAME CUTTER MA-CHINE OPERATOR										
816.884.0 FLAME CUTTER, HAND										
			34		9					010300 AGRICULTURAL MECHANICS
			6		12		1			172306 WELDING & CUTTING
TOTAL	53	19	40		20	46	1		-73	
CLUSTER NO. 800										
526.781.0 BAKER	1	1								
				1						172901 BAKER
TOTAL	1	1		1					-1	
CLUSTER NO. 810										
313.131.0 CHEF										
313.381.0 COOK	30	16				1				
			2							172902 COOK/CHEF
TOTAL	30	16	2			1			11	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.385.0 LAUNDRY PERSONNEL	4	2								171600 LAUNDERING & DRY CLEANING
TOTAL	4	2							2	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	13	2				1				173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	13	2				1			10	
CLUSTER NO. 930										
950.782.0 STATIONARY ENGINEER	1	1								
952.782.0 POWER PLANT OPERATOR	3	1								173200 STATIONARY ENERGY SOURCES OCC
TOTAL	4	2							2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	7	2								
525.381.0 BUTCHER, ALL ROUND										
525.884.0 BONER OR SKINNER										
			1							172903 BUTCHER (MEAT CUTTER)
TOTAL	7	2	1						4	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	1	1								
					5					173500 UPHOLSTERY
TOTAL	1	1			5				-5	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	1									
669.380.0 MILL MAN	1	1								
763.381.0 FURNITURE FINISHER										
			4							173601 CABINET MAKING
TOTAL	2	1	4						-3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	6	5								
861.381.0 BRICK LAYER	13	1								171004 MASONRY
TOTAL	19	6							13	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OP-ERATOR (MINING)										
859.883.0 HEAVY EQUIPMENT OPERATOR	11	7								
			5							171003 HEAVY EQUIPMENT
TOTAL	11	7	5						-1	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER	*									
750.884.0 TIRE BUILDER										179800 TIRE MANUFACT-URING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)	3									
575.782.0 BOTTLE MACHINE OP-ERATOR (GLASS)										
706.884.0 ASSEMBLER, METAL PRODUCTS	6	1								
										179900 TRADE AND IN-DUSTRIAL OCC.
TOTAL	9	1							8	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	8									
**400.000.0 FARM MANAGER	68									
*404.880.0 PRUNER--PICKER										
*413.181.0 FEEDLOT WORKER	1									
**421.883.0 FARM HAND, GENERAL	5									
466.887.0 LIVESTOCK CARETAKER	3	2								
			70							010100 AGRICULTURAL PRODUCTION
			2							160201 RANCH OPERATION
TOTAL	85	2	72						11	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/RETAIL)	4	1								
*520.885.0 FEED/FERTILIZER MIXER	4									
			3							010200 AGRICULTURAL SUPPLIES/SERVICE
TOTAL	8	1	3						4	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	5									
			1							010400 AGRICULTURAL PRODUCTS
TOTAL	5		1						4	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	2									
*624.281.0 AGRICULTURAL MECHANIC	18					9				
			13							010300 AGRICULTURAL MECHANICS
				1						179902 FARM MACHINERY REPAIR
TOTAL	20		13	1		9			-3	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	9									
*406.168.0 GREENHOUSE MAN	27									
407.884.0 GROUNDSKEEPER	14									
										010500 ORNAMENTAL HORTICULTURE
										040500 FLORISTRY
TOTAL	50								50	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT		1								
169.188.0 UNDERWRITER	8									
241.168.0 CLAIM ADJUSTER	1									
250.258.0 INSURANCE SALESMAN	4	1								041300 INSURANCE
TOTAL	13	2							11	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER	1									041700 REAL ESTATE
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	24	7								
290.478.0 SALES CLERK	149	38								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	23	4								
915.867.0 SERVICE STATION ATTENDANT	9	5								
			3							010200 AGRICULTURAL SUPPLIES/SERVICE
			1							010400 AGRICULTURAL PRODUCTS
			3							040200 APPAREL AND ACCESSORIES
			4							040300 AUTOMOTIVE
			6							040600 FOOD DISTRIBUTION
			5							040800 GENERAL MERCHANDISE
			2							040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
			2							041000 HOME FURNISHING
										041200 INDUSTRIAL MARKETING
			1							041400 INTERNATIONAL TRADE
			1							041600 PETROLEUM
										041800 RECREATION AND TOURISM
			3							042000 RETAIL TRADE
			1							043100 WHOLESALE TRADE
TOTAL	205	54	32						119	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	27	5	2							049901 MID MANAGEMENT
TOTAL	27	5	2						20	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	1	1								041100 HOTEL AND LODGING
TOTAL	1	1							0	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	24	1	3							040100 ADVERTISING SERVICES
										040400 FINANCE AND CREDIT
			2							041500 PERSONAL SERVICES
										041900 TRANSPORTATION
TOTAL	24	1	5						18	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER										
132.288.0 COPY READER										
165.068.0 PUBLIC RELATIONS	5	1								
										040100 ADVERTISING SERVICES
TOTAL	5	1							4	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	6									
902.883.0 DUMP TRUCK DRIVER	2	1								
904.883.0 TRACTOR TRAILER TRUCK DRIVER	5	1								
905.883.0 TRUCK DRIVER (HEAVY)	42	19								
906.883.0 TRUCK DRIVER (LIGHT)	46	18								
913.463.0 BUS DRIVER	1									
922.883.0 FORKLIFT OPERATOR	24	7								
929.887.0 MATERIAL HANDLER	30	9								
								56		041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	156	55						56	45	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	33	7								090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	33	7							26	
CLUSTER NO. 160										
310.868.0 HOSTESS	10									
311.878.0 WAITRESS OR WAITER	108	41								
318.887.0 DISHWASHER	20	8								
319.138.0 FOOD SERVICE SUPERVISOR	4	1								
			7							040700 FOOD SERVICES
			13							090203 FOOD MANAGEMENT PROD. & SERVICE
										172900 OTHER FOOD OCCUPATIONS
										172904 WAITER OR WAITRESS
TOTAL	142	50	20						72	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE										070304 PSYCHIATRIC AID
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	3									
078.381.0 MEDICAL LABORATORY ASSISTANT	6									
078.381.2 MEDICAL LABORATORY TECHNICIAN	4									
										070203 MEDICAL LABORATORY ASSISTING
TOTAL	13								13	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	46	2								
										070301 NURSING (ASSOCIATE DEGREE)
TOTAL	46	2							44	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	62	4					5			
			1	24						070302 PRACTICAL (VOC) NURSING
TOTAL	62	4	1	24			5		28	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	189	57			30					070303 NURSE ASSISTANCE (AID) 070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	189	57			30				102	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	6									070305 SURGICAL TECHNICIAN
TOTAL	6								6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	1									
079.128.1 RECREATIONAL THERAPIST										
079.368.1 OCCUPATIONAL THERAPIST AIDE										
355.878.2 PHYSICAL THERAPIST AIDE	3									
										070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	4								4	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN	1									070901 E.E.G. TECHNICIAN
TOTAL	1								1	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN	4									070902 E.K.G. TECHNICIAN
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	2									070501 RADIOLOGIC TECHNICIAN 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	2								2	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	6									070903 INHALATION THERAPY
TOTAL	6								6	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	2	1								070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	2	1							1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	5					6				079901 MEDICAL RECORD CLERK
TOTAL	5					6			-1	
CLUSTER NO. 300										
219.388.1 WARD CLERK	12	1								079902 WARD CLERK
TOTAL	12	1							11	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	4									070210 MEDICAL RECORD TECHNICIAN
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	2	2								
359.878.1 TEACHER AIDE	7									090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	9	2							7	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	2									
785.381.0 SEAMSTRESS OR TAILOR	13									
786.787.0 SEWING MACHINE OPERATOR	87	29								
										090103 CLOTH AND TEXTILES
			1		4					090202 CLOTHING MGMT., PROD. & SERVICE
										090204 HOME FURNISHING SERVICES
										173302 TAILORING
TOTAL	102	29	1		4				68	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	33	9								
160.288.0 COST ESTIMATOR	2									
168.288.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	1	1								
209.388.1 STATEMENT CLERK	17									
210.388.0 HAND BOOKKEEPER	39	11				11				
211.368.0 CASHIER	22	3								
212.368.0 BANKING TELLER	14	2								
215.388.0 BOOKKEEPING MACHINE OPERATOR	42	4								
215.488.0 PAYROLL CLERK	5	2								
217.388.0 TRANSIT CLERK										
219.488.0 ACCOUNTING CLERK	13	3								
249.368.0 CREDIT CLERK										
249.368.1 CLAIMS CLERK (INSURANCE)	5									
249.368.2 NEW ACCOUNT CLERK	1									
			21		4					140100 ACCOUNTING AND COMPUTING
TOTAL	199	35	21		4	11			129	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	4									
162.288.0 TITLE CLERK										
										140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	61	11				6				
219.388.0 SORTING CLERK										
219.388.3 GENERAL OFFICE CLERK	81	37				3				
219.388.4 TIME KEEPER	1									
237.368.0 ADMITTING CLERK	6									
249.388.0 LOAN CLOSER	1									
			14		2					140300 GENERAL OFFICE CLERICAL OCCUP.
			32		7					140900 TYPING & RELATE OCCUPATIONS
										149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	150	48	46		9	9			39	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	5	2								
233.388.0 MAIL CARRIER	5	5								140403 MAIL AND POSTAL CLERKS
TOTAL	10	7							3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	25	7								
239.588.0 METER READER	11	1								140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	36	8							28	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	5	4								140600 PERSONNEL, TRAINING & RELATED
TOTAL	5	4							1	
CLUSTER NO. 400										
201.368.0 SECRETARY	67	17								
202.388.0 STENOGRAPHER	12	6				7				
			24	1	3					140700 SECRETARY OR STENOGRAPHER
			1							140703 MEDICAL SECRETARY
TOTAL	79	23	25	1	3	7			20	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR										
213.582.0 KEYPUNCH OPERATOR	3	4								
213.782.0 TABULATING MACHINE OPERATOR	2									
			1		6					140200 BUSINESS DATA PROCESSING
TOTAL	5	4	1		6				-6	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL	1	1								
003.281.0 DRAFTSMAN, ELECTRICAL	1									
003.281.1 DRAFTSMAN, ELECTRONIC	1									
005.281.0 DRAFTSMAN, CIVIL		1								
007.181.1 DIE TOOL DESIGNER	1									
007.281.0 DRAFTSMAN, MECHANICAL	3	2								
010.281.0 DRAFTSMAN, GEOLOGICAL	2									
017.281.0 DRAFTSMAN, MAP										160103 ARCHITECTURAL TECHNOLOGY
			2	2						160198 DRAFTING AND DESIGN
					2					171300 DRAFTING
TOTAL	9	4	2	2	2				-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: IESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
022.081.0 CHEMIST	1	1								
029.281.0 LABORATORY TESTER	16	1								160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	17	2							15	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	17									
018.188.0 SURVEYOR	3									160106 CIVIL TECHNOLOGY
TOTAL	20								20	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN	4									
003.181.1 ELECTRICAL TECHNICIAN	2	2								160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY
				2						160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	6	2		2					2	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN	1									
019.281.0 QUALITY CONTROL TECHNICIAN	9	1								160111 INDUSTRIAL TECHNOLOGY
TOTAL	10	1							9	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN										160112 INSTRUMENTATION TECHNOLOGY 172100 INSTRUMENT MAINT. & REPAIR
TOTAL									0	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN	6	1								
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	12	1								
710.281.1 ELECTROMECHANICAL TECHNICIAN				2						160109 ELECTROMECHANIC TECHNOLOGY 160113 MECHANICAL TECHNOLOGY
TOTAL	18	2		2					14	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
542.280.0 STILLMAN (PETROLEUM REFINING)	4									
549.280.0 PUMPMAN (PETROLEUM REFINING)	1									160116 PETROLEUM TECHNOLOGY
TOTAL	5								5	
CLUSTER NO. 530										
020.188.1 SCIENTIFIC PROGRAMMER	1				1					160117 SCIENTIFIC DATA PROCESSING
TOTAL	1				1				0	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER										160197 TECHNICAL WRITING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION NO: 5 [illegible] CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST										
020.188.0 BUSINESS PROGRAMMER	1	1								
213.382.1 DIGITAL COMPUTER OPERATOR	2									
219.388.2 PROGRAM CODER										160401 COMPUTER SCIENCE
TOTAL	3	1							2	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR	2									
373.884.0 FIREMAN	16	1								160602 FIRE AND FIRE SAFETY TECH. 172801 FIREMAN TRAINING
TOTAL	18	1							17	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION NO.: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	19									
377.868.0 SHERIFF	3									160605 POLICE SCIENCE TECHNOLOGY 172802 LAW ENFORCEMENT TRAINING
TOTAL	22								22	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	23	4								
195.228.0 RECREATION LEADER	7	1								172899 PUBLIC SERVICE OCCUPATIONS
TOTAL	30	5							25	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	3									
			9	2	9					170100 AIR CONDITION & HEATING
TOTAL	3		9	2	9				-17	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	29	7								
899.281.0 MAINTENANCE MAN, EQUIPMENT	31	2								170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	60	9							51	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	1	1								170200 APPLIANCE REPAIR
TOTAL	1	1							0	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	11	3				3				
845.781.0 AUTO PAINTER	2		24	4	9					170301 BODY AND FENDER
TOTAL	13	3	24	4	9	3			-30	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	54	14				20				
620.281.1 AUTO - AIR CONDI-TIONING	3	1								
			24	7						170302 AUTO MECHANICS
TOTAL	57	15	24	7		20			-9	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	1	2								
223.387.0 AUTO PARTS CLERK	5	3								
			3							040300 AUTOMOTIVE
				2						170399 AUTOMOTIVE SERVICES
TOTAL	6	5	3	2					-4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC	1	2								
621.281.1 JET ENGINE MECHANIC										
621.781.0 AIRCRAFT ACCESS-ORIES MECHANIC										160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL	1	2							-1	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COM-MERCIAL ARTIST										
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)			1							170700 COMMERCIAL ART
TOTAL			1						-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN	2									170900 COMMERCIAL PHOTOGRAPHY
TOTAL	2								2	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	4									
841.781.0 PAINTER OR PAPERHANGER	9	2								
860.381.0 CARPENTER	19	7								
899.381.0 MAINTENANCE MAN, BUILDING	8	2				14				
			28		1					171001 CARPENTRY
TOTAL	40	11	28		1	14			-14	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 662										
721.281.0 ELECTRIC MOTOR REPAIRMAN	4	1								
726.281.0 ELECTRONICS ASSEMBLER	38	27								
821.381.0 LINEMAN	5	2								
822.381.0 TELEPHONE INSTALLER	6	1								
824.281.0 ELECTRICIAN	41	8								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	2									
			2	2						171002 ELECTRICITY
										171402 ELECTRICAL LINEMAN
			1		5					171502 ELECTRONICS
TOTAL	96	39	3	2	5				47	
CLUSTER NO. 670										
382.884.0 JANITOR	21	7								
										171100 CUSTODIAL SERVICES
TOTAL	21	7							14	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	16		3	4						171200 DIESEL MECHANICS
TOTAL	16		3	4					9	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	3	2								
823.281.0 RADIO MECHANIC	2									171503 RADIO/TV
TOTAL	5	2							3	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	2									
651.782.0 CYLINDER-PRESS MAN	4									
651.782.1 OFFSET-PRESS MAN	14									171901 COMPOSITION, MAKEUP & TYPE-SET
				3						171902 PRINTING
TOTAL	20			3					17	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	11	2								
600.381.0 LAYOUT MAN (MACHINE SHOP)	2									
603.280.0 PRECISION GRINDER	3	1								
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	17					2				
705.884.0 BENCH GRINDER		1								
			9		5					172302 MACHINE SHOP
					2					172303 MACHINE TOOL OPERATION
TOTAL	33	4	9		7	2			11	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)										172399 METALWORKING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										172304 METAL TRADES, COMBINED
TOTAL									0	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	2									
601.280.1 TOOL MACHINE SET-UP OPERATOR	9									172307 TOOL AND DIE MAKING
TOTAL	11								11	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR	4	1								
617.380.0 BRAKE OPERATOR	3									
619.380.0 METAL FABRICATOR	4									
804.281.0 SHEET METAL WORKER	6	2								172305 SHEET METAL
TOTAL	17	3							14	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

Clusters of Occupations	Demand	Supply: ESC Registrants	Supply: Public: Secondary	Supply: Public: Post Secondary	Supply: Public: Adult	Supply: Federal: MDTA	Supply: Federal: Other Federal	Supply: Private Schools	Demand Minus Supply	Clusters of Programs
CLUSTER NO. 770										
504.782.0 HEAT TREATER										172400 METALLURGY
TOTAL									0	
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	9									
809.381.0 LAYOUT MAN (STRUCTURAL)										171099 CONSTRUCTION & MAINT. TRADE
TOTAL	9								9	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	4	2								
810.884.0 WELDER, ARC	12	4				4				
810.884.1 WELDER, GAS						7				
812.884.0 WELDER, COMBINATION	19	3				27				
816.782.0 FLAME CUTTER MA-CHINE OPERATOR										
816.884.0 FLAME CUTTER, HAND										
			13							010300 AGRICULTURAL MECHANICS
					6					172306 WELDING & CUTTING
TOTAL	35	9	13		6	38			-31	
CLUSTER NO. 800										
526.781.0 BAKER	6	1								
										172901 BAKER
TOTAL	6	1							5	
CLUSTER NO. 810										
313.131.0 CHEF	2									
313.381.0 COOK	65	11				15				
				1						172902 COOK/CHEF
TOTAL	67	11		1		15			40	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	10	3								171600 LAUNDERING & DRY CLEANING
TOTAL	10	3							7	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	11	1		3		10				173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	11	1		3		10			-3	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	2									173200 STATIONARY ENERGY SOURCES OCC
952.782.0 POWER PLANT OPERATOR	3									
TOTAL	5								5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	13									
525.381.0 BUTCHER, ALL ROUND	2									
525.884.0 BONER OR SKINNER	1	1								172903 BUTCHER (MEAT CUTTER)
TOTAL	16	1							15	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	2									173500 UPHOLSTERY
TOTAL	2								2	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	2									
669.380.0 MILL MAN										
763.381.0 FURNITURE FINISHER					3					173601 CABINET MAKING
TOTAL	2				3				-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	4	1								
861.381.0 BRICK LAYER	12	4								171004 MASONRY
TOTAL	16	5							11	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OPERATOR (MINING)										
859.883.0 HEAVY EQUIPMENT OPERATOR	35	4								171003 HEAVY EQUIPMENT
TOTAL	35	4							31	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER	*									
750.384.0 TIRE BUILDER										179800 TIRE MANUFACTURING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OP-ERATOR (GLASS)										
706.884.0 ASSEMBLER, METAL PRODUCTS	4									
										179900 TRADE AND IN-DUSTRIAL OCC.
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
180.118.0 FIELDMAN	5									
400.000.0 FARM MANAGER	59									
404.880.0 PRUNER--PICKER										
413.181.0 FEEDLOT WORKER	1									
421.883.0 FARM HAND, GENERAL	3									
466.387.0 LIVESTOCK CARETAKER	2	1								
			93							010100 AGRICULTURAL PRODUCTION 160201 RANCH OPERATION
TOTAL	70	1	93						-24	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/ RETAIL)	10	2								
520.885.0 FEED/FERTILIZER MIXER	1									
			4							010200 AGRICULTURAL SUPPLIES/SERV-ICE
TOTAL	11	2	4						5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
919.887.0 YARDMAN	2									010400 AGRICULTURAL PRODUCTS
TOTAL	2								2	
CLUSTER NO. 40										
521.782.0 MILL OPERATOR	1									
624.281.0 AGRICULTURAL MECHANIC	27					4				
			39		5					010300 AGRICULTURAL MECHANICS
			1	2						179902 FARM MACHINERY REPAIR
TOTAL	28		40	2	5	4			-23	
CLUSTER NO. 50										
142.081.0 FLORAL DESIGN	9									
406.168.0 GREENHOUSE MAN	1									
407.884.0 GROUNDSKEEPER	8	2								
			4							010500 ORNAMENTAL HORTICULTURE
										040500 FLORISTRY
TOTAL	18	2	4						12	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT	1									
169.188.0 UNDERWRITER										
241.168.0 CLAIM ADJUSTER	2									
250.258.0 INSURANCE SALESMAN	3									041300 INSURANCE
TOTAL	6								6	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER										041700 REAL ESTATE
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	41	12								
290.478.0 SALES CLERK	78	21								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	11	2								
915.867.0 SERVICE STATION ATTENDANT	11	9								
			3							010200 AGRICULTURAL SUPPLIES/SERVICE
			1							010400 AGRICULTURAL PRODUCTS
			5							040200 APPAREL AND ACCESSORIES
			1	2						040300 AUTOMOTIVE
			6							040600 FOOD DISTRIBUTION
			3							040800 GENERAL MERCHANDISE
										040900 HDW, BLDG, MAT, FARM SUPPLIES & EQP
										041000 HOME FURNISHING
										041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
										041600 PETROLEUM
			1							041800 RECREATION AND TOURISM
			4							042000 RETAIL TRADE
			1							043100 WHOLESALE TRADE
TOTAL	141	44	25	2					70	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	18	3								049901 MID MANAGEMENT
TOTAL	18	3							15	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	2	2								041100 HOTEL AND LODGING
TOTAL	2	2							0	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	14	1								040100 ADVERTISING SERVICES
			2							040400 FINANCE AND CREDIT
			5							041500 PERSONAL SERVICES
										041900 TRANSPORTATION
TOTAL	14	1	7						6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER										
132.288.0 COPY READER										
165.068.0 PUBLIC RELATIONS	2									040100 ADVERTISING SERVICES
TOTAL	2								2	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	1	1								
902.883.0 DUMP TRUCK DRIVER	2									
904.883.0 TRACTOR TRAILER TRUCK DRIVER	9	2								
905.883.0 TRUCK DRIVER (HEAVY)	36	15								
906.883.0 TRUCK DRIVER (LIGHT)	63	19								
913.463.0 BUS DRIVER	1									
922.883.0 FORKLIFT OPERATOR	14	2								
929.887.0 MATERIAL HANDLER	34	5								041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	160	44							116	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	21	5								
										090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	21	5							16	
CLUSTER NO. 160										
310.868.0 HOSTESS	5	1								
311.878.0 WAITRESS OR WAITER	88	24								
318.887.0 DISHWASHER	12	9								
319.138.0 FOOD SERVICE SUPERVISOR	5	2								
			3		4					040700 FOOD SERVICES
			1							090203 FOOD MANAGEMENT PROD. & SERVICE
			7							172900 OTHER FOOD OCCUPATIONS
			2							172904 WAITER OR WAITRESS
TOTAL	110	36	13		4				57	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE										
										070304 PSYCHIATRIC AID
TOTAL									0	

NET ANNUAL [illegible] MANPOWER REQUIREMENTS
[illegible]

[illegible]

CLUSTERS OF OCCUPATIONS	[illegible]	SUPPLY: PREV-MERIT-TRAINED	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: VOTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. [illegible]										
078.281.[illegible] MEDICAL TECHNOLOGIST	1									
078.381.[illegible] MEDICAL LABORATORY ASSISTANT	3									
078.381.2 MEDICAL LABORATORY TECHNICIAN	1									070203 MEDICAL LABORATORY ASSISTING
TOTAL	5								5	
CLUSTER NO. [illegible]										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	30	1								
				15						070301 NURSING (ASSOCIATE DEGREE)
TOTAL	30	1		15					14	
CLUSTER NO. 20										
079.378.[illegible] LICENSED PRACTICAL NURSE (L.P.N.)	61	3								
				27						070302 PRACTICAL (VOC) NURSING
TOTAL	61	3		27					31	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	104	29								
					18					070303 NURSE ASSISTANCE (AID)
			14							070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	104	29	14		18				43	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	3									070305 SURGICAL TECHNICIAN
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	1									
079.123.1 RECREATIONAL THERAPIST	2									
079.368.1 OCCUPATIONAL THERAPIST AIDE										
355.878.2 PHYSICAL THERAPIST AIDE	2									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	5								5	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN										070901 E.E.G. TECHNICIAN
TOTAL									0	
CLUSTER NO. 250										
078.363.1 E.K.G. TECHNICIAN	1									070902 E.K.G. TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	3									070501 RADIOLOGIC TECHNICIAN 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	3								3	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	1		2							070903 INHALATION THERAPY
TOTAL	1		2						-1	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER										070905 CENTRAL SUPPLY TECHNICIAN
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	4					1				079901 MEDICAL RECORD CLERK
TOTAL	4					1			3	
CLUSTER NO. 300										
219.388.1 WARD CLERK	4									079902 WARD CLERK
TOTAL	4								4	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	1									070210 MEDICAL RECORD TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	1	4								
359.878.1 TEACHER AIDE	7									
			1							090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	8	4	1						3	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	6									
785.381.0 SEAMSTRESS OR TAILOR	2									
784.787.0 SEWING MACHINE OPERATOR	343	87								
					8					090103 CLOTH AND TEXTILES 090202 CLOTHING MGMT., PROD. & SERVICE 090204 HOME FURNISHING SERVICES 173302 TAILORING
TOTAL	351	87			8				256	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	25	1								
160.288.0 COST ESTIMATOR	1									
168.288.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	3									
209.388.1 STATEMENT CLERK	3									
210.388.0 HAND BOOKKEEPER	81	9				4				
211.368.0 CASHIER	29	4								
212.368.0 BANKING TELLER	32	5								
215.388.0 BOOKKEEPING MA-CHINE OPERATOR	16	2								
215.488.0 PAYROLL CLERK	7									
217.388.0 TRANSIT CLERK										
219.488.0 ACCOUNTING CLERK	15	4								
249.368.0 CREDIT CLERK										
249.368.1 CLAIMS CLERK (INSURANCE)	1									
249.368.2 NEW ACCOUNT CLERK	2									
			2		5					140100 ACCOUNTING AND COMPUTING
TOTAL	215	25	2		5	4			179	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	1									
162.288.0 TITLE CLERK										
			1							140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	1		1						0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	40	14				1				
219.388.0 SORTING CLERK	2									
219.388.3 GENERAL OFFICE CLERK	101	41				1				
219.388.4 TIME KEEPER										
237.368.0 ADMITTING CLERK	2									
249.388.0 LOAN CLOSER	1									
			22		3					140300 GENERAL OFFICE CLERICAL OCCUP.
			11		9					140900 TYPING & RELATE OCCUPATIONS
			7							149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	146	55	40		12	2			37	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	10	3								
233.388.0 MAIL CARRIER	17	4								140403 MAIL AND POSTAL CLERKS
TOTAL	27	7							20	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	14	4								
239.588.0 METER READER	3	1								140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	17	5							12	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	3	3								140600 PERSONNEL, TRAINING & RELATED
TOTAL	3	3							0	
CLUSTER NO. 400										
201.368.0 SECRETARY	139	23					1			
202.388.0 STENOGRAPHER	24	12				3				
			19		19					140700 SECRETARY OR STENOGRAPHER
			1							140703 MEDICAL SECRETARY
TOTAL	163	35	20		19	3	1		85	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR										
213.582.0 KEYPUNCH OPERATOR	7	5								
213.782.0 TABULATING MACHINE OPERATOR	3									
			19		15					140200 BUSINESS DATA PROCESSING
TOTAL	10	5	19		15				-29	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL										
003.281.0 DRAFTSMAN, ELECTRICAL	1									
003.281.1 DRAFTSMAN, ELECTRONIC										
005.281.0 DRAFTSMAN, CIVIL	6	1								
007.181.1 DIE TOOL DESIGNER										
007.281.0 DRAFTSMAN, MECHANICAL	5	2								
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP										160103 ARCHITECTURAL TECHNOLOGY
			1	3						160198 DRAFTING AND DESIGN
			7		4					171300 DRAFTING
TOTAL	12	3	8	3	4				-6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
022.081.0 CHEMIST	2									
029.281.0 LABORATORY TESTER	8									160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	10								10	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	2									
018.188.0 SURVEYOR										160106 CIVIL TECHNOLOGY
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN										
003.181.1 ELECTRICAL TECHNICIAN	8	2								
				1						160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY 160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	8	2		1					5	
CLUSTER NO. 460										
012.289.0 INDUSTRIAL TECHNICIAN										
019.281.0 QUALITY CONTROL TECHNICIAN	7									
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	7								7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	5									160112 INSTRUMENTATION TECHNOLOGY 172100 INSTRUMENT MAINT. & REPAIR
TOTAL	5								5	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN										
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	3									
710.281.1 ELECTROMECHANICAL TECHNICIAN										160109 ELECTROMECHANIC TECHNOLOGY 160113 MECHANICAL TECHNOLOGY
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 499										
542.280.0 STILLMAN (PETROLEUM REFINING)	7	3								
549.280.0 PUMPMAN (PETROLEUM REFINING)	4									160116 PETROLEUM TECHNOLOGY
TOTAL	11	3							8	
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER	1									160117 SCIENTIFIC DATA PROCESSING
TOTAL	1								1	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER	1									160197 TECHNICAL WRITING
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST	4									
020.188.0 BUSINESS PROGRAMMER	6	2								
213.382.1 DIGITAL COMPUTER OPERATOR	1									
219.388.2 PROGRAM CODER	1									160401 COMPUTER SCIENCE
TOTAL	12	2							10	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR		1								
373.884.0 FIREMAN	5	1								160602 FIRE AND FIRE SAFETY TECH.; 172801 FIREMAN TRAINING
TOTAL	5	2							3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	6									160605 POLICE SCIENCE TECHNOLOGY
377.868.0 SHERIFF	2									172802 LAW ENFORCEMENT TRAINING
TOTAL	8								8	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	20	3								172899 PUBLIC SERVICE OCCUPATIONS
195.228.0 RECREATION LEADER	3	1								
TOTAL	23	4							19	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	3									170100 AIR CONDITION & HEATING
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	18	8								
899.281.0 MAINTENANCE MAN, EQUIPMENT	22	1								
					1					170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	40	9			1				30	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	1	1								
										170200 APPLIANCE REPAIR
TOTAL	1	1							0	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	14	3				1				
845.781.0 AUTO PAINTER	7	1								
				2						170301 BODY AND FENDER
TOTAL	21	4		2		1			14	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	51	17				6				
620.281.1 AUTO - AIR CONDI-TIONING	3									
			29	11	20					170302 AUTO MECHANICS
TOTAL	54	17	29	11	20	6			-29	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	4	3								
223.387.0 AUTO PARTS CLERK	7	7								
			1	1						040300 AUTOMOTIVE
			4	2						170399 AUTOMOTIVE SERVICES
TOTAL	11	10	5	3					-7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC		3								
621.281.1 JET ENGINE MECHANIC										
621.781.0 AIRCRAFT ACCESSORIES MECHANIC										160101 AERONAUTICAL TECHNOLOGY
			3							170401 AIRCRAFT MAINTENANCE
TOTAL		3	3						-6	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COMMERCIAL ARTIST		1								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	1									
										170700 COMMERCIAL ART
TOTAL	1	1							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN		1								170900 COMMERCIAL PHOTOGRAPHY
TOTAL		1							-1	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	8	1								
841.781.0 PAINTER OR PAPERHANGER	9	1								
860.381.0 CARPENTER	24	4								
899.381.0 MAINTENANCE MAN, BUILDING	16	8				5				
			18		5					171001 CARPENTRY
TOTAL	57	14	18		5	5			15	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN										
726.781.0 ELECTRONICS ASSEMBLER	4	4								
821.381.0 LINEMAN	2									
822.381.0 TELEPHONE INSTALLER	5									
824.281.0 ELECTRICIAN	38	3								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	1									
			1		6					171002 ELECTRICITY
										171402 ELECTRICAL LINEMAN
			7							171502 ELECTRONICS
TOTAL	50	7	8		6				29	
CLUSTER NO. 670										
382.884.0 JANITOR	37	8								
			2		2					171100 CUSTODIAL SERVICES
TOTAL	37	8	2		2				25	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	36	1								
			2	2						171200 DIESEL MECHANICS
TOTAL	36	1	2	2					31	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	8	1								
823.281.0 RADIO MECHANIC	4									
				4	1					171503 RADIO/TV
TOTAL	12	1		4	1				6	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	1									
651.782.0 CYLINDER-PRESS MAN	5									
651.782.1 OFFSET-PRESS MAN	11									
										171901 COMPOSITION, MAKEUP & TYPE-SET
			0	3						171902 PRINTING
TOTAL	17		0	3					6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER	9	1								172301 FOUNDRY
TOTAL	9	1							8	
CLUSTER NO. 720										
600.230.0 MACHINIST, ALL ROUND	12	1								
600.381.0 LAYOUT MAN (MACHINE SHOP)	1									
603.280.0 PRECISION GRINDER		1								
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	18	3				1				
705.834.0 BENCH GRINDER	6									
			18	1	7					172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	37	5	18	1	7	1			5	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)	4									172399 METALWORKING
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										172304 METAL TRADES, COMBINED
TOTAL									0	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	13	2								
601.280.1 TOOL MACHINE SET-UP OPERATOR										172307 TOOL AND DIE MAKING
TOTAL	13	2							11	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR		2								
617.380.0 BRAKE OPERATOR										
619.380.0 METAL FABRICATOR										
804.281.0 SHEET METAL WORKER	12	6								172305 SHEET METAL
TOTAL	12	8							4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OF: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER										172400 METALLURGY
TOTAL									0	
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	11	2								
809.381.0 LAYOUT MAN (STRUCTURAL)										171099 CONSTRUCTION & MAINT. TRADE
TOTAL	11	2							9	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	8	3								
810.864.0 WELDER, ARC	15	3				1				
810.884.1 WELDER, GAS						4				
812.864.0 WELDER, COMBINATION	36	7				8				
816.782.0 FLAME CUTTER MACHINE OPERATOR										
816.884.0 FLAME CUTTER, HAND										
			39		4					010300 AGRICULTURAL MECHANICS
			19		5					172306 WELDING & CUTTING
TOTAL	59	13	58		9	13			-34	
CLUSTER NO. 800										
526.781.0 BAKER	1	2								172901 BAKER
TOTAL	1	2							-1	
CLUSTER NO. 810										
313.131.0 CHEF										
313.381.0 COOK	49	17				5				
			2	2						172902 COOK/CHEF
TOTAL	49	17	2	2		5			23	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	15	2								171600 LAUNDERING & DRY CLEANING
TOTAL	15	2							13	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	10	1		4	13	4				173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	10	1		4	13	4			-12	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	2									173200 STATIONARY ENERGY SOURCES OCC
952.782.0 POWER PLANT OPERATOR	4	1								
TOTAL	6	1							5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	8	3								
525.381.0 BUTCHER, ALL ROUND										
525.884.0 BONER OR SKINNER		1								
										172903 BUTCHER (MEAT CUTTER)
TOTAL	8	4							4	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	1	1								
				1						173500 UPHOLSTERY
TOTAL	1	1		1					-1	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	7	1								
669.380.0 MILL MAN	5	2								
763.381.0 FURNITURE FINISHER		1								
										173601 CABINET MAKING
TOTAL	12	4							8	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	6	2								
861.381.0 BRICK LAYER	15	2								171004 MASONRY
TOTAL	21	4							17	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OPERATOR (MINING)										
859.883.0 HEAVY EQUIPMENT OPERATOR	7	3								171003 HEAVY EQUIPMENT
TOTAL	7	3							4	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR	*									
750.387.0 TIRE CLASSIFIER										
750.884.0 TIRE BUILDER										179800 TIRE MANUFACTURING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 05: EAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OP-ERATOR (GLASS)		2								
706.884.0 ASSEMBLER, METAL PRODUCTS	8	2								179900 TRADE AND IN-DUSTRIAL OCC.
TOTAL	8	4							4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	3									
**400.000.0 FARM MANAGER	32									
*404.880.0 PRUNER--PICKER										
*413.181.0 FEEDLOT WORKER	5									
**421.883.0 FARM HAND, GENERAL	3									
466.887.0 LIVESTOCK CARETAKER	14	2								
			28							010100 AGRICULTURAL PRODUCTION 160201 RANCH OPERATION
TOTAL	57	2	28						27	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/ RETAIL)	14	11								
*520.885.0 FEED/FERTILIZER MIXER										
			3							010200 AGRICULTURAL SUPPLIES/SERV-ICE
TOTAL	14	11	3						0	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	11									
			1							010400 AGRICULTURAL PRODUCTS
TOTAL	11		1						10	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	3									
*624.281.0 AGRICULTURAL MECHANIC	4									
			14		2					010300 AGRICULTURAL MECHANICS 179902 FARM MACHINERY REPAIR
TOTAL	7		14		2				-9	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	19									
*406.168.0 GREENHOUSE MAN	33									
407.884.0 GROUNDSKEEPER	27	9								
			4		1					010500 ORNAMENTAL HORTICULTURE 040500 FLORISTRY
TOTAL	79	9	4		1				65	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT	16	7								
169.188.0 UNDERWRITER	19	2								
241.168.0 CLAIM ADJUSTER	7	3								
250.258.0 INSURANCE SALESMAN	24	6								041300 INSURANCE
TOTAL	66	18							48	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER	5	1								041700 REAL ESTATE
TOTAL	5	1							4	

NET ADDITIONAL MAN POWER REQUIREMENTS
1973

REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	294	91								
290.478.0 SALES CLERK	531	119								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	64	17								
915.867.0 SERVICE STATION ATTENDANT	29	24								
			3							010200 AGRICULTURAL SUPPLIES/SERVICE
			1							010400 AGRICULTURAL PRODUCTS
			8							040200 APPAREL AND ACCESSORIES
			6							040300 AUTOMOTIVE
			25							040600 FOOD DISTRIBUTION
			22							040800 GENERAL MERCHANDISE
			3							040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
			2							041000 HOME FURNISHING
										041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
			3							041600 PETROLEUM
										041800 RECREATION AND TOURISM
			8							042000 RETAIL TRADE
										043100 WHOLESALE TRADE
TOTAL	918	251	81						586	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	59	42								
			1	1						049901 MID MANAGEMENT
TOTAL	59	42	1	1					15	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	17	9								041100 HOTEL AND LODGING
TOTAL	17	9							8	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	102	29								
			2							040100 ADVERTISING SERVICES
			[illegible]							040400 FINANCE AND CREDIT
			3							041500 PERSONAL SERVICES
			2							041900 TRANSPORTATION
TOTAL	[illegible]	29	15						58	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER	2									
132.288.0 COPY READER	7	2								
165.068.0 PUBLIC RELATIONS	24	9								
										040100 ADVERTISING SERVICES
TOTAL	33	11							22	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	5	2								
902.883.0 DUMP TRUCK DRIVER	24	8								
904.883.0 TRACTOR TRAILER TRUCK DRIVER	129	56								
905.883.0 TRUCK DRIVER (HEAVY)	142	59								
906.883.0 TRUCK DRIVER (LIGHT)	79	37								
913.463.0 BUS DRIVER	27	5								
922.883.0 FORKLIFT OPERATOR	49	22								
929.887.0 MATERIAL HANDLER	212	61								
			2							041900 TRANSPORTATION
					70			159		179901 TRUCK DRIVER
TOTAL	667	250	2		70			159	186	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	130	59								
										090203 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	130	59							71	
CLUSTER NO. 160										
310.868.0 HOSTESS	28	9								
311.878.0 WAITRESS OR WAITER	243	111								
318.887.0 DISHWASHER	161	93								
319.138.0 FOOD SERVICE SUPERVISOR	6	3								
			17							040700 FOOD SERVICES
			9							090203 FOOD MANAGEMENT PROD. & SERVICE
			5							172900 OTHER FOOD OCCUPATIONS
										172904 WAITER OR WAITRESS
TOTAL	438	216	31						191	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE	6	1								
										070304 PSYCHIATRIC AID
TOTAL	6	1							5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	28	3						35		
078.381.0 MEDICAL LABORATORY ASSISTANT	11	4								
078.381.2 MEDICAL LABORATORY TECHNICIAN	5									
										070203 MEDICAL LABORATORY ASSISTING
TOTAL	44	7						35	2	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	149	7					4			
				58						070301 NURSING (ASSOCIATE DEGREE)
TOTAL	149	7		58			4		80	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	[illegible]	37					2			
				[illegible]						070302 PRACTICAL (VOC) NURSING
TOTAL	[illegible]	37		[illegible]			2		63	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OA: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	281	112			5	66		77		070303 NURSE ASSISTANCE (AID)
										070399 NURSING OTHER
			20							079900 HEALTH SERVICES
TOTAL	281	112	20		5	66		77	1	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	14							12		070305 SURGICAL TECHNICIAN
TOTAL	14							12	2	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	3									
079.128.1 RECREATIONAL THERAPIST	7									
079.368.1 OCCUPATIONAL THERAPIST AIDE	3									
355.878.2 PHYSICAL THERAPIST AIDE	9									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	22								22	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN	2									070901 E.E.G. TECHNICIAN
TOTAL	2								2	
CLUSTER NO. 250										
078.363.1 E.K.G. TECHNICIAN	3									070902 E.K.G. TECHNICIAN
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1[illegible]73

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	10									
								33		070501 RADIOLOGIC TECHNICIAN
							2			070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	10						2	33	-25	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	11	2								070903 INHALATION THERAPY
TOTAL	11	2							9	
CLUSTER NO. 280										
223.387.0 CENTRAL SUPPLY WORKER	4	2								070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	4	2							2	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	17	1				7				079901 MEDICAL RECORD CLERK
TOTAL	17	1				7			9	
CLUSTER NO. 300										
219.388.1 WARD CLERK	22	3			4	10				079902 WARD CLERK
TOTAL	22	3			4	10			5	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	8	1						26		070210 MEDICAL RECORD TECHNICIAN
TOTAL	8	1						26	-19	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS- TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV- ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	40	13								
359.878.1 TEACHER AIDE	73									
			8							090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	113	13	8						92	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)										
785.381.0 SEAMSTRESS OR TAILOR	32	5								
786.787.0 SEWING MACHINE OPERATOR	89	11								
										090103 CLOTH AND TEXTILES
			2		16					090202 CLOTHING MGMT., PROD. & SERVICE
										090204 HOME FURNISHING SERVICES
			5							173302 TAILORING
TOTAL	121	16	7		16				82	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	192	55								
160.288.0 COST ESTIMATOR	22	1								
168.288.0 CLAIMS EXAMINER	1	3								
186.168.0 BANK CASHIER	11	7								
209.388.1 STATEMENT CLERK	9									
210.388.0 HAND BOOKKEEPER	164	41								
211.368.0 CASHIER	168	29								
212.368.0 BANKING TELLER	64	11								
215.388.0 BOOKKEEPING MACHINE OPERATOR	59	16								
215.488.0 PAYROLL CLERK	66	9								
217.388.0 TRANSIT CLERK	12	9								
219.488.0 ACCOUNTING CLERK	147	64								
249.368.0 CREDIT CLERK	9	4								
249.368.1 CLAIMS CLERK (INSURANCE)	24									
249.368.2 NEW ACCOUNT CLERK	19									
			5	8	34		5	98		140100 ACCOUNTING AND COMPUTING
TOTAL	969	249	5	8	34		5	98	570	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	33	4								
162.288.0 TITLE CLERK	7	1								
										140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	40	5							35	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	314	79				6				
219.388.0 SORTING CLERK	9									
219.388.3 GENERAL OFFICE CLERK	421	162				26				
219.388.4 TIME KEEPER	2									
237.368.0 ADMITTING CLERK	7	3								
249.388.0 LOAN CLOSER	6	4								
			33		2			150		140300 GENERAL OFFICE CLERICAL OCCUP.
			13		20			21		140900 TYPING & RELATE OCCUPATIONS
										149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	759	248	46		22	32		171	240	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	89	12								
233.388.0 MAIL CARRIER	46	6								
										140403 MAIL AND POSTAL CLERKS
TOTAL	135	18							117	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	89	29								
239.588.0 METER READER	14	2								
			9							140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	103	31	9						63	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	45	7								
										140600 PERSONNEL, TRAINING & RELATED
TOTAL	45	7							38	
CLUSTER NO. 400										
201.368.0 SECRETARY	541	162				10	19			
202.388.0 STENOGRAPHER	133	49				15				
			120	16	15			215		140700 SECRETARY OR STENOGRAPHER
				4			1			140703 MEDICAL SECRETARY
TOTAL	674	211	120	20	15	25	20	215	48	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS- TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVER-TER OPERATOR	2									
213.582.0 KEYPUNCH OPERATOR	92	41								
213.782.0 TABULATING MACHINE OPERATOR	15	6								
			40	5	25			117		140200 BUSINESS DATA PROCESSING
TOTAL	109	47	40	5	25			117	-125	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL	2	3								
003.281.0 DRAFTSMAN, ELECTRICAL	27	2								
003.281.1 DRAFTSMAN, ELECTRONIC	3									
005.281.0 DRAFTSMAN, CIVIL	15	7								
007.181.1 DIE TOOL DESIGNER	7									
007.281.0 DRAFTSMAN, MECHANICAL	123	21								
010.281.0 DRAFTSMAN, GEOLOGICAL	24	2								
017.281.0 DRAFTSMAN, MAP	10	2								
										160103 ARCHITECTURAL TECHNOLOGY
				10				18		160198 DRAFTING AND DESIGN
			32		21		1	18		171300 DRAFTING
TOTAL	211	37	32	10	21		1	36	70	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
022.081.0 CHEMIST	15	2								
029.281.0 LABORATORY TESTER	13	2								160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	28	4							24	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	9	1								
018.188.0 SURVEYOR	16	2								
					16					160106 CIVIL TECHNOLOGY
TOTAL	25	3			16				6	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN	196	15								
003.181.1 ELECTRICAL TECHNICIAN	6	7								
			5	11	15			25		160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY
			3							160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	202	22	8	11	15			25	121	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN	14	3								
019.281.0 QUALITY CONTROL TECHNICIAN	37	5								
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	51	8							43	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 6A: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	22	5								
				5						160112 INSTRUMENTATION TECHNOLOGY
				4						172100 INSTRUMENT MAINT. & REPAIR
TOTAL	22	5		9					8	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN	4	4								
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	14	5								
710.281.1 ELECTROMECHANICAL TECHNICIAN	12									
			3							160109 ELECTROMECHANIC TECHNOLOGY
										160113 MECHANICAL TECHNOLOGY
TOTAL	30	9	3						18	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)	3									
549.280.0 PUMPMAN (PETROLEUM REFINING)	1									160116 PETROLEUM TECHNOLOGY
TOTAL	4								4	
CLUSTER NO. 500										
020.189.1 SCIENTIFIC PROGRAMMER	3									160117 SCIENTIFIC DATA PROCESSING
TOTAL	3								3	
CLUSTER NO. 510										
139.283.0 TECHNICAL PUBLICATIONS WRITER	10	1								160197 TECHNICAL WRITING
TOTAL	11	1							9	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 529										
012.168.1 SYSTEM ANALYST	99	8								
020.188.0 BUSINESS PROGRAMMER	76	17								
213.382.1 DIGITAL COMPUTER OPERATOR	74	3								
219.388.2 PROGRAM CODER	111	12								
				8				9		160401 COMPUTER SCIENCE
TOTAL	360	40		8				9	303	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR	2	3								
373.884.0 FIREMAN	28	4								
										160602 FIRE AND FIRE SAFETY TECH.
										172801 FIREMAN TRAINING
TOTAL	30	7							23	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 6A: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	59	9								160605 POLICE SCIENCE TECHNOLOGY
377.868.0 SHERIFF	1	3								172802 LAW ENFORCEMENT TRAINING
TOTAL	60	12							48	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	14	11								172899 PUBLIC SERVICE OCCUPATIONS
195.228.0 RECREATION LEADER	3	7								
TOTAL	17	18							-1	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	70	10								
			25	17	93					170100 AIR CONDITION & HEATING
TOTAL	70	10	25	17	93				-75	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	33	14								
899.281.0 MAINTENANCE MAN, EQUIPMENT	90	13								
				11	20					170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	123	27		11	20				65	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	18	5								
			2		2			13		170200 APPLIANCE REPAIR
TOTAL	18	5	2		2			13	-4	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	39	13				3				
845.781.0 AUTO PAINTER	36	9				1				
			19	11	19					170301 BODY AND FENDER
TOTAL	75	22	19	11	19	4			0	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	161	41				28				
620.281.1 AUTO - AIR CONDI-TIONING	22	2				6				
			84	31	50					170302 AUTO MECHANICS
TOTAL	183	43	84	31	50	34			-59	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	9	11								
223.387.0 AUTO PARTS CLERK	27	23								
			6	1						040300 AUTOMOTIVE
			2	4						170399 AUTOMOTIVE SERVICES
TOTAL	36	34	8	5					-11	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC	8	31								
621.281.1 JET ENGINE MECHANIC	6									
621.781.0 AIRCRAFT ACCESS-ORIES MECHANIC	7									
			16					20		160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL	21	31	16					20	-46	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COM-MERCIAL ARTIST	19	9								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	13									
			7	12	3			11		170700 COMMERCIAL ART
TOTAL	32	9	7	12	3			11	-10	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	ESC REGIS-TRANTS	PUBLIC SECONDARY	PUBLIC POST SECONDARY	PUBLIC ADULT	FEDERAL MDTA	FEDERAL OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN	34	9								
			20		4					170900 COMMERCIAL PHOTOGRAPHY
TOTAL	34	9	20		4				1	
CLUSTER NO. 650										
741.984.0 SPRAY PAINTER	34	9								
841.781.0 PAINTER OR PAPERHANGER	22	4								
860.381.0 CARPENTER	163	43								
899.381.0 MAINTENANCE MAN, BUILDING	89	36								
			6	9	1					171001 CARPENTRY
TOTAL	308	92	6	9	1				200	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN	11	2								
726.781.0 ELECTRONICS ASSEMBLER	35	41								
821.381.0 LINEMAN	16	4								
822.381.0 TELEPHONE INSTALLER	16	5								
824.281.0 ELECTRICIAN	111	32								
828.281.0 ELECTRONICS MECHANIC	35	11								
829.381.0 CABLE SPLICER	13	1								
			2	18	33			53		171002 ELECTRICITY 171402 ELECTRICAL LINEMAN
			9		41		1			171502 ELECTRONICS
TOTAL	237	96	11	18	74		1	53	-16	
CLUSTER NO. 670										
382.384.0 JANITOR	139	44								
			3							171100 CUSTODIAL SERVICES
TOTAL	139	44	3						92	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	81	11								
			21	9	2					171200 DIESEL MECHANICS
TOTAL	81	11	21	9	2				38	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	24	5								
823.281.0 RADIO MECHANIC	8	4								
				8	22					171503 RADIO/TV
TOTAL	32	9		8	22				-7	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	19	2								
651.782.0 CYLINDER-PRESS MAN	16	2								
651.782.1 OFFSET-PRESS MAN	22	7								
										171901 COMPOSITION, MAKEUP & TYPE-SET
			23	7	14					171902 PRINTING
TOTAL	57	11	23	7	14				2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER	3	2								
										172301 FOUNDRY
TOTAL	3	2							1	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	135	31								
600.381.0 LAYOUT MAN (MACHINE SHOP)	16	1								
603.280.0 PRECISION GRINDER	6	4								
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	125	31								
705.884.0 BENCH GRINDER	13	4								
			56	7						172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	295	71	56	7					161	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)	9	4								
										172399 METALWORKING
TOTAL	9	4							5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER	36	11								
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER	26	9								172304 METAL TRADES, COMBINED
TOTAL	62	20							42	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	17	5								
601.280.1 TOOL MACHINE SET-UP OPERATOR	11									172307 TOOL AND DIE MAKING
TOTAL	28	5							23	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR	12	7								
617.380.0 BRAKE OPERATOR	12	3								
619.380.0 METAL FABRICATOR	39	9								
804.281.0 SHEET METAL WORKER	62	11								172305 SHEET METAL
TOTAL	125	30							95	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION C6: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	PUBLIC SECONDARY	PUBLIC POST SECONDARY	PUBLIC ADULT	FEDERAL MDTA	FEDERAL OTHER FEDERAL	PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER	4	3								
TOTAL	4	3							1	172400 METALLURGY
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	26	9								
809.381.0 LAYOUT MAN (STRUCTURAL)	47	9								
TOTAL	73	18							55	171099 CONSTRUCTION & MAINT. TRADE

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	30	8								
810.884.0 WELDER, ARC	60	27				20				
810.884.1 WELDER, GAS	75	15				1				
812.884.0 WELDER, COMBINATION	130	56				11		46		
816.782.0 FLAME CUTTER MA-CHINE OPERATOR	11	7								
816.884.0 FLAME CUTTER, HAND	4	2				2				
			14		1					010300 AGRICULTURAL MECHANICS
			44		35		12			172306 WELDING & CUTTING
TOTAL	310	115	58		36	34	12	46	9	
CLUSTER NO. 800										
526.781.0 BAKER	8	3								
				6						172901 BAKER
TOTAL	8	3		6					-1	
CLUSTER NO. 810										
313.131.0 CHEF	13	2								
313.381.0 COOK	228	67								
			4	8						172902 COOK/CHEF
TOTAL	241	69	4	8					160	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	21	6								
			1							171600 LAUNDERING & DRY CLEANING
TOTAL	21	6	1						14	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	84	15								
			9		15					173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	84	15	9		15				45	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	17	5								
952.782.0 POWER PLANT OPERATOR	13	4								
					8					173200 STATIONARY ENERGY SOURCES OCC
TOTAL	30	9			8				13	

NET ADDITIONS TO MANPOWER REQUIREMENTS
1973

REGION [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	REG. APPRENTICES	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 2[illegible]										
316.884.[illegible] MEAT CUTTER	22	11								
525.381.[illegible] BUTCHER, ALL ROUND	17	3								
525.[illegible] [illegible] SKINNER	[illegible]	3								
TOTAL	51	17							34	172003 BUTCHER (MEAT CUTTER)
CLUSTER NO. 252										
780.381.[illegible] FURNITURE UPHOLSTERER	4	2								
TOTAL	4	2		7					-5	173500 UPHOLSTERY
CLUSTER NO. [illegible]										
660.28[illegible].[illegible] CABINET MAKER	24	9								
669.38[illegible]. MILL [illegible]	14	2								
763.381.[illegible] FURNITURE FINISHER	2	4	11							
TOTAL	40	15	11						14	173601 CABINET MAKING

[illegible] MANPOWER REQUIREMENTS
1973

REGION [illegible]: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 270										
844.364.0 CEMENT MASON	13	7								
861.381.0 BRICK LAYER	43	19								
				1						171004 MASONRY
TOTAL	56	26		1					29	
CLUSTER NO. 280										
515.782.0 GRINDING MILL OPERATOR (MINING)										
859.883.0 HEAVY EQUIPMENT OPERATOR	80	19								
					41		4			171003 HEAVY EQUIPMENT
TOTAL	80	19			41		4		16	
CLUSTER NO. 290										
750.281.0 TIRE TECHNICIAN										
750.384. GREEN TIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER										
750.884. TIRE BUILDER										179900 TIRE MANUFACTURING
TOTAL									[illegible]	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible]: TULSA SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)	2									
575.782.0 BOTTLE MACHINE OPERATOR (GLASS)	3	1								
706.884.0 ASSEMBLERS, METAL PRODUCTS	191	68								179900 TRADE AND IN- DUSTRIAL OCC.
TOTAL	196	69							127	

[illegible] POWER REQUIREMENTS
1973

REGION [illegible] CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST-SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	11									
**409.000.0 FARM MANAGER	137									
*404.880.0 GRADER--PICKER										
*413.181.0 FEEDLOT WORKER	21									
**421.883.0 FARM HAND, GENERAL	7									
466.887.0 LIVESTOCK CARETAKER	10	1								
			85							010100 AGRICULTURAL PRODUCTION 160201 RANCH OPERATION
TOTAL	186	1	85						100	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/RETAIL)	6									
*520.885.0 FEED/FERTILIZER MIXER	9									
			5							010200 AGRICULTURAL SUPPLIES/SERVICE
TOTAL	15		5						10	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	8									010400 AGRICULTURAL PRODUCTS
TOTAL	8								8	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	10									
*624.281.0 AGRICULTURAL MECHANIC	34					1				
			23							010300 AGRICULTURAL MECHANICS
			7							179902 FARM MACHINERY REPAIR
TOTAL	44		30			1			13	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	19									
*406.168.0 GREENHOUSE MAN	10									
407.884.0 GROUNDSKEEPER	12	2								
			1							010500 ORNAMENTAL HORTICULTURE
										040500 FLORISTRY
TOTAL	41	2	1						39	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 27: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 76										
166.168.0 SPECIAL AGENT										
169.188.0 UNDERWRITER	1									
241.168.0 CLAIM ADJUSTER	1									
250.258.0 INSURANCE SALESMAN	10	2								
TOTAL	12	2							10	041300 INSURANCE
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER	1									
TOTAL	1								1	041700 REAL ESTATE

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 20										
260.289.0 SALES OCCUPATIONS (GROUPS)	39	14								
290.478.0 SALES CLERK	327	47								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	13	3								
915.867.0 SERVICE STATION ATTENDANT	15	7								
			5							010200 AGRICULTURAL SUPPLIES/SERV-ICE
										010400 AGRICULTURAL PRODUCTS
			8	1						040200 APPAREL AND ACCESSORIES
			2							040300 AUTOMOTIVE
			6							040600 FOOD DISTRIBUTION
			6							040800 GENERAL MERCHANDISE
			3							040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
			1							041000 HOME FURNISHING
				1						041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
			1							041600 PETROLEUM
										041800 RECREATION AND TOURISM
			8	1						042000 RETAIL TRADE
										043100 WHOLESALE TRADE
TOTAL	394	71	40	3					280	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	25	9								
										049901 MID MANAGEMENT
TOTAL	25	9							16	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	7	2								
			2							041100 HOTEL AND LODGING
TOTAL	7	2	2						3	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	35	2								
										040100 ADVERTISING SERVICES
			4							040400 FINANCE AND CREDIT
			4							041500 PERSONAL SERVICES
			2							041900 TRANSPORTATION
TOTAL	35	2	10						23	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER										
132.288.0 COPY READER										
165.068.0 PUBLIC RELATIONS	2									040100 ADVERTISING SERVICES
TOTAL	2								2	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	2	1								
902.883.0 DUMP TRUCK DRIVER	5									
904.883.0 TRACTOR TRAILER TRUCK DRIVER	14	2								
905.883.0 TRUCK DRIVER (HEAVY)	23	9								
906.883.0 TRUCK DRIVER (LIGHT)	35	9								
913.463.0 BUS DRIVER	5									
922.883.0 FORKLIFT OPERATOR	14	4								
929.887.0 MATERIAL HANDLER	10	4								
			1							041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	108	29	1						78	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 159										
321.138.0 HOUSEKEEPER	28	13								090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	28	13							15	
CLUSTER NO. 160										
310.868.0 HOSTESS	6	1								
311.878.0 WAITRESS OR WAITER	109	26								
318.887.0 DISHWASHER	16	7								
319.138.0 FOOD SERVICE SUPERVISOR	4	2								
			5							040700 FOOD SERVICES
			1							090203 FOOD MANAGEMENT PROD. & SERVICE
										172900 OTHER FOOD OCCUPATIONS
			3							172904 WAITER OR WAITRESS
TOTAL	135	36	9						90	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE	3									070304 PSYCHIATRIC AID
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 198										
078.281.0 MEDICAL TECHNOLOGIST	13	1								
078.381.0 MEDICAL LABORATORY ASSISTANT	6	1								
078.381.2 MEDICAL LABORATORY TECHNICIAN	3									
										070203 MEDICAL LABORATORY ASSISTING
TOTAL	22	2							20	
CLUSTER NO. 199										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	65	5								
										070301 NURSING (ASSOCIATE DEGREE)
TOTAL	65	5							60	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	87	6								
				23						070302 PRACTICAL (VOC) NURSING
TOTAL	87	6		23					58	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	184	46								
					37					070303 NURSE ASSISTANCE (AID)
			11							070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	184	46	11		37				90	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	7									070305 SURGICAL TECHNICIAN
TOTAL	7								7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.123.0 OCCUPATIONAL THERAPIST	1									
079.128.1 RECREATIONAL THERAPIST										
079.368.1 OCCUPATIONAL THERAPIST AIDE	5									
355.878.2 PHYSICAL THERAPIST AIDE	6									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	12								12	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN	3									070901 E.E.G. TECHNICIAN
TOTAL	3								3	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN	1									070902 E.K.G. TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	2									070501 RADIOLOGIC TECHNICIAN 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	2								2	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	4									070903 INHALATION THERAPY
TOTAL	4								4	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	4									070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	3					1				079901 MEDICAL RECORD CLERK
TOTAL	3					1			2	
CLUSTER NO. 300										
219.388.1 WARD CLERK	9									079902 WARD CLERK
TOTAL	9								9	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	1									070210 MEDICAL RECORD TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 328										
359.878.0 NURSERY SCHOOL ATTENDANT	3	2								
359.878.1 TEACHER AIDE										
										090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	3	2							1	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	5									
785.381.0 SEAMSTRESS OR TAILOR	11	1								
786.787.0 SEWING MACHINE OPERATOR	42	5								
										090103 CLOTH AND TEXTILES
					15					090202 CLOTHING MGMT., PROD. & SERVICE
										090204 HOME FURNISHING SERVICES
										173302 TAILORING
TOTAL	58	6			15				37	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	18	2								
160.288.0 COST ESTIMATOR	1									
168.288.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	4	1								
209.388.1 STATEMENT CLERK	8									
210.388.0 HAND BOOKKEEPER	52	18				3				
211.368.0 CASHIER	56	9								
212.368.0 BANKING TELLER	14	2								
215.388.0 BOOKKEEPING MA-CHINE OPERATOR	11	2								
215.488.0 PAYROLL CLERK	6	2								
217.388.0 TRANSIT CLERK	2									
219.488.0 ACCOUNTING CLERK	34	5								
249.368.0 CREDIT CLERK	1									
249.368.1 CLAIMS CLERK (INSURANCE)	2									
249.368.2 NEW ACCOUNT CLERK	4									
			3		10			18		140100 ACCOUNTING AND COMPUTING
TOTAL	213	41	3		10	3		18	138	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	21									
162.238.0 TITLE CLERK										
										140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	21								21	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	52	19				1				
219.388.0 SORTING CLERK										
219.388.3 GENERAL OFFICE CLERK	80	29				1				
219.388.4 TIME KEEPER										
237.368.0 ADMITTING CLERK	2									
249.388.0 LOAN CLOSER	1									
			10		11			34		140300 GENERAL OFFICE CLERICAL OCCUP. 140900 TYPING & RELATE OCCUPATIONS 149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	135	48	10		11	2		34	30	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	3	4								
233.388.0 MAIL CARRIER	3									140403 MAIL AND POSTAL CLERKS
TOTAL	6	4							2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	24	2								
239.588.0 METER READER	2	1								140400 INFORM, COMMUN-ICATIONS OCCUP.
TOTAL	26	3							23	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	5	3								140600 PERSONNEL, TRA-INING & RELATED
TOTAL	5	3							2	
CLUSTER NO. 400										
201.368.0 SECRETARY	118	19								
202.388.0 STENOGRAPHER	19	10				1				
			29	1				34		140700 SECRETARY OR STENOGRAPHER
										140703 MEDICAL SEC-RETARY
TOTAL	137	29	29	1		1		34	43	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR	1									
213.582.0 KEYPUNCH OPERATOR	18	7								
213.782.0 TABULATING MACHINE OPERATOR	1	1								
			19		13			8		140200 BUSINESS DATA PROCESSING
TOTAL	20	8	19		13			8	-28	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL		1								
003.281.0 DRAFTSMAN, ELECTRICAL	1	1								
003.281.1 DRAFTSMAN, ELECTRONIC										
005.281.0 DRAFTSMAN, CIVIL	1	1								
007.181.1 DIE TOOL DESIGNER										
007.281.0 DRAFTSMAN, MECHANICAL	5	2								
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP										
										160103 ARCHITECTURAL TECHNOLOGY
										160198 DRAFTING AND DESIGN
			11		3					171300 DRAFTING
TOTAL	7	5	11		3				-12	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: SOUTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
022.081.0 CHEMIST	9	1								
029.281.0 LABORATORY TESTER	17	1								160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	26	2							24	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	24									
018.188.0 SURVEYOR	7									160106 CIVIL TECHNOLOGY
TOTAL	31								31	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: [illegible] CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN										
003.181.1 ELECTRICAL TECHNICIAN		1								
				6	5					160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY 160109 ELECTROMECHANIC TECHNOLOGY
TOTAL		1		6	5				-12	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN	2									
019.281.0 QUALITY CONTROL TECHNICIAN	9	1								160111 INDUSTRIAL TECHNOLOGY
TOTAL	11	1							10	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	1									
				4						160112 INSTRUMENTATION TECHNOLOGY
				4						172100 INSTRUMENT MAINT, & REPAIR
TOTAL	1			8					-7	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN	2	1								
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	1	1								
710.281.1 ELECTROMECHANICAL TECHNICIAN										
										160109 ELECTROMECHANIC TECHNOLOGY
				2						160113 MECHANICAL TECHNOLOGY
TOTAL	3	2		2					-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)	11	2								
549.280.0 PUMPMAN (PETROLEUM REFINING)	2									
TOTAL	13	2							11	160116 PETROLEUM TECHNOLOGY
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER	1									
TOTAL	1								1	160117 SCIENTIFIC DATA PROCESSING
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER										
TOTAL									0	160197 TECHNICAL WRITING

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST										
020.188.0 BUSINESS PROGRAMMER	8	2								
213.382.1 DIGITAL COMPUTER OPERATOR	4									
219.388.2 PROGRAM CODER	2									
				7						160401 COMPUTER SCIENCE
TOTAL	14	2		7					5	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR	1									
373.884.0 FIREMAN	13	1								
										160602 FIRE AND FIRE SAFETY TECH. 172801 FIREMAN TRAINING
TOTAL	14	1							13	

NET ADDITIONAL MANPOWER REQUIREMENTS
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REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	13	2								160605 POLICE SCIENCE TECHNOLOGY
377.868.0 SHERIFF	2									172802 LAW ENFORCEMENT TRAINING
TOTAL	15	2							13	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	5	2								172899 PUBLIC SERVICE OCCUPATIONS
195.228.0 RECREATION LEADER	2									
TOTAL	7	2							5	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	6									170100 AIR CONDITION & HEATING
			8		8					
TOTAL	6		8		8				-10	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	22	7								
899.281.0 MAINTENANCE MAN, EQUIPMENT	21	5								170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	43	12							31	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	5	2								170200 APPLIANCE REPAIR
TOTAL	5	2							3	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	9	1								
845.781.0 AUTO PAINTER	9									
			4	1						170301 BODY AND FENDER
TOTAL	18	1	4	1					12	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	96	11				4				
620.281.1 AUTO - AIR CONDI-TIONING	5	1								
			42	14	11					
TOTAL	101	12	42	14	11	4			18	170302 AUTO MECHANICS
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	5	1								
223.387.0 AUTO PARTS CLERK	4	3								
			1							040300 AUTOMOTIVE
			1	1						170399 AUTOMOTIVE SERVICES
TOTAL	9	4	2	1					2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC	12	2								
621.281.1 JET ENGINE MECHANIC	4									
621.781.0 AIRCRAFT ACCESSORIES MECHANIC										
										160101 AERONAUTICAL TECHNOLOGY
			3							170401 AIRCRAFT MAINTENANCE
TOTAL	16	2	3						11	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COMMERCIAL ARTIST	1	1								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)										
										170700 COMMERCIAL ART
TOTAL	1	1							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN	3									
			1							170900 COMMERCIAL PHOTOGRAPHY
TOTAL	3		1						2	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	3	1								
841.781.0 PAINTER OR PAPERHANGER	12	2								
860.381.0 CARPENTER	72	15								
899.381.0 MAINTENANCE MAN, BUILDING	15	9				2				
			10							171001 CARPENTRY
TOTAL	102	27	10			2			63	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN										
726.781.0 ELECTRONICS ASSEMBLER		2								
821.381.0 LINEMAN	2	1								
822.381.0 TELEPHONE INSTALLER	4	1								
824.281.0 ELECTRICIAN	48	7								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	1									
			5							171002 ELECTRICITY 171402 ELECTRICAL LINEMAN 171502 ELECTRONICS
TOTAL	55	11	5						39	
CLUSTER NO. 670										
382.884.0 JANITOR	38	11								
			1							171100 CUSTODIAL SERVICES
TOTAL	38	11	1						26	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

Clusters of Occupations	Demand	Supply: ESC Registrants	Supply: Public: Secondary	Supply: Public: Post Secondary	Supply: Public: Adult	Supply: Federal: MDTA	Supply: Federal: Other Federal	Supply: Private Schools	Demand Minus Supply	Clusters of Programs
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	18	3								
			3	3	3					171200 DIESEL MECHANICS
TOTAL	18	3	3	3	3				6	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	6	1								
823.281.0 RADIO MECHANIC	2									
					1					171503 RADIO/TV
TOTAL	8	1			1				6	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	1									
651.782.0 CYLINDER-PRESS MAN	4	1								
651.782.1 OFFSET-PRESS MAN	15	2								
										171901 COMPOSITION, MAKEUP & TYPE-SET
			13	3						171902 PRINTING
TOTAL	20	3	13	3					1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	12	3								
600.381.0 LAYOUT MAN (MACHINE SHOP)										
603.280.0 PRECISION GRINDER										
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	15	1								
705.884.0 BENCH GRINDER		1								
			11	2	3					172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	27	5	11	2	3				6	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)										172399 METALWORKING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										172304 METAL TRADES, COMBINED
TOTAL									0	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS										
601.280.1 TOOL MACHINE SET-UP OPERATOR										172307 TOOL AND DIE MAKING
TOTAL									0	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR	8	1								
617.380.0 BRAKE OPERATOR	1									
619.380.0 METAL FABRICATOR	3									
804.281.0 SHEET METAL WORKER	15	1								172305 SHEET METAL
TOTAL	27	2							25	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION: [illegible] CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 77[illegible]										
504.782.0 HEAT TREATER	1									172400 METALLURGY
TOTAL	1								1	
CLUSTER NO. 78[illegible]										
801.781.0 STRUCTURAL STEEL WORKER	5	1								
809.381.0 LAYOUT MAN (STRUCTURAL)										171099 CONSTRUCTION & MAINT. TRADE
TOTAL	5	1							4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS- TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV- ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 799										
810.782.0 WELDING MACHINE OPERATOR	8									
810.884.0 WELDER, ARC	3	1				1				
810.884.1 WELDER, GAS	2					1				
812.884.0 WELDER, COMBINATION	9	3				3				
816.782.0 FLAME CUTTER MA-CHINE OPERATOR	2									
816.884.0 FLAME CUTTER, HAND	4									
			23							010300 AGRICULTURAL MECHANICS
			5		8					172306 WELDING & CUTTING
TOTAL	28	4	28		8	5			-17	
CLUSTER NO. 808										
526.781.0 BAKER	1	1								172901 BAKER
TOTAL	1	1							0	
CLUSTER NO. 810										
313.131.0 CHEF	5	1								
313.381.0 COOK	60	9				2				
			4							172902 COOK/CHEF
TOTAL	65	10	4			2			49	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION ... NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	9	2								
			1							171600 LAUNDERING & DRY CLEANING
TOTAL	9	2	1						6	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	23	6				1				
			5		1					173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	23	6	5		1	1			10	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	5	1								
952.782.0 POWER PLANT OPERATOR	3									
										173200 STATIONARY ENERGY SOURCES OCC
TOTAL	[illegible]	1							7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 27: [illegible] CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: USES REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	8	1								
525.381.0 BUTCHER, ALL ROUND		1								
525.884.0 BONER OR SKINNER										172903 BUTCHER (MEAT CUTTER)
TOTAL	8	2							6	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	1	1								173500 UPHOLSTERY
TOTAL	1	1							0	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	7	1								
669.380.0 MILL MAN										
763.381.0 FURNITURE FINISHER		1								
			5		5					173601 CABINET MAKING
TOTAL	7	2	5		5				-5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: APPR. REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	5	1								
861.381.0 BRICK LAYER	18	3								171004 MASONRY
TOTAL	23	4							19	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OPERATOR (MINING)	1									
859.883.0 HEAVY EQUIPMENT OPERATOR	32	5								171003 HEAVY EQUIPMENT
TOTAL	33	5							28	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER										
750.884.0 TIRE BUILDER										179800 TIRE MANUFACTURING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 07: NORTH CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OP-ERATOR (GLASS)										
706.384.0 ASSEMBLER, METAL PRODUCTS	12	3								
										179900 TRADE AND IN-DUSTRIAL OCC.
TOTAL	12	3							9	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 13: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	14									
**400.000.0 FARM MANAGER	33									
*404.860.0 PRUNER--PICKER	6									
*413.181.0 FEEDLOT WORKER	3									
**421.883.0 FARM HAND, GENERAL	3									
466.887.0 LIVESTOCK CARETAKER	58	21								
			46							010100 AGRICULTURAL PRODUCTION
			1							160201 RANCH OPERATION
TOTAL	117	21	47						49	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/RETAIL)	33	13								
*520.885.0 FEED/FERTILIZER MIXER	6									
			4							010200 AGRICULTURAL SUPPLIES/SERVICE
TOTAL	39	13	8						18	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell
** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1975

REGION III: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	4									010400 AGRICULTURAL PRODUCTS
TOTAL	4								4	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	10									
*624.281.0 AGRICULTURAL MECHANIC	22									
			20		1					010300 AGRICULTURAL MECHANICS 179902 FARM MACHINERY REPAIR
TOTAL	32		20		1				11	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	17									
*406.168.0 GREENHOUSE MAN	40									
407.884.0 GROUNDSKEEPER	65	16								
			4							010500 ORNAMENTAL HORTICULTURE
			1							040500 FLORISTRY
TOTAL	122	16	5						101	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.158.0 SPECIAL AGENT	42	10								
169.138.0 UNDERWRITER	13	3								
241.168.0 CLAIM ADJUSTER	27	4								
250.258.0 INSURANCE SALESMAN	71	14								041300 INSURANCE
TOTAL	153	31							122	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER	15	2								041700 REAL ESTATE
TOTAL	15	2							13	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OR: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.282.0 SALES OCCUPATIONS (GOODS)	352	121								
290.478.0 SALES CLERK	751	218								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	65	22								
915.867.0 SERVICE STATION ATTENDANT	37	32								
			7							010200 AGRICULTURAL SUPPLIES/SERV-ICE
										010400 AGRICULTURAL PRODUCTS
			27							040200 APPAREL AND ACCESSORIES
			13	2						040300 AUTOMOTIVE
			20							040600 FOOD DISTRIBUTION
			16							040800 GENERAL MERCHANDISE
			5		10					040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
			10							041000 HOME FURNISHING
			4							041200 INDUSTRIAL MARKETING
			1							041400 INTERNATIONAL TRADE
			3							041600 PETROLEUM
			2							041800 RECREATION AND TOURISM
			44							042000 RETAIL TRADE
			3							043100 WHOLESALE TRADE
TOTAL	1,205	393	155	2	10				646	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 08: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	66	49	9	3						049901 MID MANAGEMENT
TOTAL	66	49	9	3					5	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	21	11	4		6					041100 HOTEL AND LODGING
TOTAL	21	11	4		6				0	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	110	31								
			8							040100 ADVERTISING SERVICES
			3							040400 FINANCE AND CREDIT
			6							041500 PERSONAL SERVICES
			2							041900 TRANSPORTATION
TOTAL	110	31	19						60	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER	4	1								
132.288.0 COPY READER	15	3								
165.068.0 PUBLIC RELATIONS	36	16								
										040100 ADVERTISING SERVICES
TOTAL	55	20							35	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	9	4								
902.883.0 DUMP TRUCK DRIVER	36	7						5		
904.883.0 TRACTOR TRAILER TRUCK DRIVER	164	76								
905.883.0 TRUCK DRIVER (HEAVY)	155	67								
906.883.0 TRUCK DRIVER (LIGHT)	90	42								
913.463.0 BUS DRIVER	36	8								
922.883.0 FORKLIFT OPERATOR	81	26								
929.887.0 MATERIAL HANDLER	341	75								
			1							
								203		041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	912	305	1					208	398	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 08: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	123	53								090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	123	53							70	
CLUSTER NO. 160										
310.868.0 HOSTESS	38	13								
311.878.0 WAITRESS OR WAITER	265	127								
318.887.0 DISHWASHER	197	104								
319.138.0 FOOD SERVICE SUPERVISOR	17	7								
			39							040700 FOOD SERVICES
			20							090203 FOOD MANAGEMENT PROD. & SERVICE
			1							172900 OTHER FOOD OCCUPATIONS
			2							172904 WAITER OR WAITRESS
TOTAL	517	251	62						204	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE	62	11								070304 PSYCHIATRIC AID
TOTAL	62	11							51	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	36	4						7		
078.381.0 MEDICAL LABORATORY ASSISTANT	9	2						7		
078.381.2 MEDICAL LABORATORY TECHNICIAN	9									
								114		070203 MEDICAL LABORATORY ASSISTING
TOTAL	54	6						128	-80	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC, DIPL, ASSOC	224	17								
				150						070301 NURSING (ASSOCIATE DEGREE)
TOTAL	224	17		150					57	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	173	49						30		
			1	189						070302 PRACTICAL (VOC) NURSING
TOTAL	173	49	1	189				30	-96	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 08: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 210										
355.878.0 NURSE AIDE	331	148				41				
					31			154		070303 NURSE ASSISTANCE (AID)
			8							070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	331	148	8		31	41		154	-51	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	21									
										070305 SURGICAL TECHNICIAN
TOTAL	21								21	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	5									
079.128.1 RECREATIONAL THERAPIST	7									
079.368.1 OCCUPATIONAL THERAPIST AIDE	12									
355.878.2 PHYSICAL THERAPIST AIDE	7							3		
										070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	31							3	28	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN	3									070901 E.E.G. TECHNICIAN
TOTAL	3								3	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN	9									070902 E.K.G. TECHNICIAN
TOTAL	9								9	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 08: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	24									
								66		070501 RADIOLOGIC TECHNICIAN
								79		070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	24							145	-121	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	33	5								
				9				15		070903 INHALATION THERAPY
TOTAL	33	5		9				15	4	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	10	3								
										070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	10	3							7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	21	2				4				
								31		079901 MEDICAL RECORD CLERK
TOTAL	21	2				4		31	-16	
CLUSTER NO. 300										
219.388.1 WARD CLERK	60	10				13				
								22		079902 WARD CLERK
TOTAL	60	10				13		22	15	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	12	1								
										070210 MEDICAL RECORD TECHNICIAN
TOTAL	12	1							11	

NET ADDITIONAL MANPOWER REQUIREMENTS
1974

REGION 08: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	49	21								
359.878.1 TEACHER AIDE	2									
			18							090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	51	21	18						12	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	2									
785.381.0 SEAMSTRESS OR TAILOR	53	14								
786.787.0 SEWING MACHINE OPERATOR	250	69								
										090103 CLOTH AND TEXTILES
			6		18					090202 CLOTHING MGMT., PROD. & SERVICE
					1					090204 HOME FURNISHING SERVICES
			3							173302 TAILORING
TOTAL	305	83	9		19				194	

NET ADDITIONAL MANPOWER REQUIREMENTS
197[illegible]

REGION [illegible]: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	207	47								
160.288.0 COST ESTIMATOR	20	2								
168.288.0 CLAIMS EXAMINER	11	2								
186.168.0 BANK CASHIER	13	9								
209.388.1 STATEMENT CLERK	16									
210.388.0 HAND BOOKKEEPER	225	63								
211.368.0 CASHIER	401	34								
212.368.0 BANKING TELLER	83	15								
215.388.0 BOOKKEEPING MA-CHINE OPERATOR	107	27								
215.488.0 PAYROLL CLERK	88	19								
217.388.0 TRANSIT CLERK	20	5								
219.488.0 ACCOUNTING CLERK	196	62								
249.368.0 CREDIT CLERK	10	11								
249.368.1 CLAIMS CLERK (INSURANCE)	47									
249.368.2 NEW ACCOUNT CLERK	35									
			11	3	29			33		140100 ACCOUNTING AND COMPUTING
TOTAL	1,479	296	11	3	29			33	1,107	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	34	6								
162.288.0 TITLE CLERK	6	2								
			1	1						140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	40	8	1	1					30	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OF: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	571	138				23				
219.368.0 SORTING CLERK	3									
219.388.3 GENERAL OFFICE CLERK	632	181				14				
219.388.4 TIME KEEPER	7									
237.368.0 ADMITTING CLERK	27	4				6				
249.388.0 LOAN CLOSER	16	5								
			86		46			49		140300 GENERAL OFFICE CLERICAL OCCUP.
			73		92			5		140900 TYPING & RELATE OCCUPATIONS
			1							149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	1,256	328	160		138	43		54	533	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	143	19								
233.388.0 MAIL CARRIER	53	7								
										140403 MAIL AND POSTAL CLERKS
TOTAL	196	26							170	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 04: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	129	39								
239.588.0 METER READER	25	2								
			2							140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	154	41	2						111	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	84	15								
			1							140600 PERSONNEL, TRAINING & RELATED
TOTAL	84	15	1						68	
CLUSTER NO. 400										
201.368.0 SECRETARY	801	154								
202.388.0 STENOGRAPHER	282	79				16				
			98	3	108			52		140700 SECRETARY OR STENOGRAPHER
			1			1		8		140703 MEDICAL SECRETARY
TOTAL	1,090	232	99	3	108	17		60	571	

CLUSTERS OF OCCUPATIONS	DEMAND	ESC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR	11	2								
213.582.0 KEYPUNCH OPERATOR	113	43								
213.782.0 TABULATING MACHINE OPERATOR	10	3								
			35	1	44			12		140200 BUSINESS DATA PROCESSING
TOTAL	134	48	35	1	44			12	-6	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL	49	7								
003.281.0 DRAFTSMAN, ELECTRICAL	7	1								
003.281.1 DRAFTSMAN, ELECTRONIC	2									
005.281. DRAFTSMAN, CIVIL	7	5								
007.181.1 DIE TOOL DESIGNER	10									
007.281.0 DRAFTSMAN, MECHANICAL	61	9								
010.281.0 DRAFTSMAN, GEOLOGICAL	8	3								
017.281.0 DRAFTSMAN, MAP	1									
			1							160103 ARCHITECTURAL TECHNOLOGY
			3	10						160198 DRAFTING AND DESIGN
			3		3			14		171300 DRAFTING
TOTAL	145	25	7	10	3			14	85	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

[illegible] CITY [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 439										
022.081. CHEMIST	12	3								
029.261. LABORATORY TESTER	11	5								
				6	75					160105 CHEMICAL TECHNOLOGY
										160114 METALS TECHNOLOGY
TOTAL	23	8		6	75				-66	
CLUSTER NO. 440										
005.181. CIVIL ENGINEERING TECHNICIAN	42	2								
018.188. SURVEYOR	19	4								
					25					160106 CIVIL TECHNOLOGY
TOTAL	61	6			25				29	

REGION [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN	114	[illegible]								
003.181.1 ELECTRICAL TECHNICIAN	11	11								
			4	5	69			46		160107 ELECTRICITY; 160108 ELECTRONIC TECHNOLOGY
				1						160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	125	19	4	6	69			46	-19	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN	19	2								
019.281.0 QUALITY CONTROL TECHNICIAN	22	4								
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	110	6							104	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION ONE CEDAR RAPIDS CITY SMSA

CLUSTERS & OCCUPATIONS	DEMAND	ESC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	14	2								
				2						160112 INSTRUMENTATION TECHNOLOGY
				1						172100 INSTRUMENT MAINT. & REPAIR
TOTAL	14	2		3					9	
CLUSTER NO. 482										
007.181.0 MECHANICAL TECHNICIAN	2	5								
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT	18	7								
710.281.1 ELECTROMECHANICAL TECHNICIAN	14									
				1						160109 ELECTROMECHANIC TECHNOLOGY
										160113 MECHANICAL TECHNOLOGY
TOTAL	34	12		1					21	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: [illegible]: SECONDARY	SUPPLY: [illegible]: POST SECONDARY	SUPPLY: [illegible]: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
542.280.0 STILLMAN (PETROLEUM REFINING)										
549.280.0 PUMPMAN (PETROLEUM REFINING)										160116 PETROLEUM TECHNOLOGY
TOTAL									0	
CLUSTER NO. 510										
020.188.1 SCIENTIFIC PROGRAMMER	7				2					160117 SCIENTIFIC DATA PROCESSING
TOTAL	7				2				5	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER	21	3								160197 TECHNICAL WRITING
TOTAL	21	3							18	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible] CITY [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST	41	6								
020.188.0 BUSINESS PROGRAMMER	76	16								
213.382.1 DIGITAL COMPUTER OPERATOR	63	5								
219.388.2 PROGRAM CODER	32	4								
					8			19		160401 COMPUTER SCIENCE
TOTAL	212	31			8			19	161	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR	2	4								
373.884.0 FIREMAN	42	3								
			3							160602 FIRE AND FIRE SAFETY TECH.
			1							172801 FIREMAN TRAINING
TOTAL	44	12	4						28	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible] OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 54C										
375.258.0 POLICEMAN	77	15								
377.868.0 SHERIFF	6	2								160605 POLICE SCIENCE TECHNOLOGY 172802 LAW ENFORCEMENT TRAINING
			2							
TOTAL	83	17	2						64	
CLUSTER NO. 55C										
195.108.0 SOCIAL WORKER	49	17								
195.228.0 RECREATION LEADER	12	12								172899 PUBLIC SERVICE OCCUPATIONS
TOTAL	61	29							32	
CLUSTER NO. 56C										
637.281.0 AIR COND. & REFRIG MECHANIC	48	16				17				
			12	9	63			47		170100 AIR CONDITION & HEATING
TOTAL	48	16	12	9	63	17		47	-116	

NET ADDITIONAL MANPOWER REQUIREMENTS
1979

REGION [illegible] CITY [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: SCHOOL SECONDARY	SUPPLY: SCHOOL POST SECONDARY	SUPPLY: SCHOOL ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	55	23								
899.281.0 MAINTENANCE MAN, EQUIPMENT	86	21								
				11	10					170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	141	44		11	10				76	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	26	4								
			5							170200 APPLIANCE REPAIR
TOTAL	26	4	5						17	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	58	20								
845.781.0 AUTO PAINTER	[illegible]	16								
			20	2	12			19		170301 BODY AND FENDER
TOTAL	[illegible]	[illegible]	[illegible]	2	12			19	2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION ONE: [illegible] CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: FESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.261.0 AUTO MECHANIC	211	53				46				
620.281.1 AUTO - AIR CONDITIONING	31	3								
			90	15	58			6		170302 AUTO MECHANICS
TOTAL	242	56	90	15	58	46		6	-38	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	15	9								
223.387.0 AUTO PARTS CLERK	92	29								
			12	1						040300 AUTOMOTIVE
			5	7						170399 AUTOMOTIVE SERVICES
TOTAL	107	38	17	8					44	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 031: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC	28	16								
621.281.1 JET ENGINE MECHANIC	3									
621.781.0 AIRCRAFT ACCESS-ORIES MECHANIC	4									
			13		3			20		160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL	35	16	13		3			20	-17	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COM-MERCIAL ARTIST	31	9								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	16									
			5	6						170700 COMMERCIAL ART
TOTAL	47	9	5	6					27	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 06: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN	31	7								
			1		9					170900 COMMERCIAL PHOTOGRAPHY
TOTAL	31	7	1		9				14	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	51	14								
841.781.0 PAINTER OR PAPERHANGER	45	9								
860.381.0 CARPENTER	257	68								
899.381.0 MAINTENANCE MAN, BUILDING	68	29								
			13	9	3					171001 CARPENTRY
TOTAL	421	120	13	9	3				276	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OF: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN	25	6								
726.781.0 ELECTRONICS ASSEMBLER	315	239								
821.381.0 LINEMAN	25	6								
822.381.0 TELEPHONE INSTALLER	16	6								
824.281.0 ELECTRICIAN	171	46								
828.281.0 ELECTRONICS MECHANIC	73	42								
829.381.0 CABLE SPLICER	25	6								
			22	11	10					171002 ELECTRICITY 171402 ELECTRICAL LINEMAN
			23							171502 ELECTRONICS
TOTAL	650	351	45	11	10				233	
CLUSTER NO. 670										
382.884.0 JANITOR	142	71								
			8							171100 CUSTODIAL SERVICES
TOTAL	142	71	8						63	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	121	13								
			24	26	1					171200 DIESEL MECHANICS
TOTAL	121	13	24	26	1				57	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	21	4								
823.281.0 RADIO MECHANIC	12	5								
					6			3		171503 RADIO/TV
TOTAL	33	9			6			3	15	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	11	1								
651.782.0 CYLINDER-PRESS MA.	12	4								
651.782.1 OFFSET-PRESS MAN	39	5								
			1							171901 COMPOSITION, MAKEUP & TYPE-SET
			14	3	9					171902 PRINTING
TOTAL	62	10	15	3	9				25	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 CUPEMAKER	1	1								
TOTAL	1	1							0	172301 FOUNDRY
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	92	27						18		
600.381.0 LAYOUT MAN (MACHINE SHOP)	4	3								
603.280.0 PRECISION GRINDER	12	2								
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	75	9				17				
705.884.0 BENCH GRINDER	15	5								
			6	4	15					172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	198	46	6	4	15	17		18	92	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)	7	2								
TOTAL	7	2							5	172399 METALWORKING

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OK: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER	51	9								
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER	50	7								
										172304 METAL TRADES, COMBINED
TOTAL	101	16							85	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	11	2								
601.280.1 TOOL MACHINE SET-UP OPERATOR	8									
										172307 TOOL AND DIE MAKING
TOTAL	19	2							17	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR	18	9								
617.380.0 BRAKE OPERATOR	14	2								
619.380.0 METAL FABRICATOR	37	5								
804.281.0 SHEET METAL WORKER	127	31								
			15							172305 SHEET METAL
TOTAL	196	47	15						134	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OR: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER	2	1								
TOTAL	2	1							1	172400 METALLURGY
CLUSTER NO. 790										
801.781.0 STRUCTURAL STEEL WORKER	30	9								
809.381.0 LAYOUT MAN (STRUCTURAL)	42	7								
TOTAL	72	16							56	171099 CONSTRUCTION & MAINT, TRADE

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OF: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	21	7								
810.884.0 WELDER, ARC	30	19				39		3		
810.884.1 WELDER, GAS	1					5				
812.884.0 WELDER, COMBINATION	61	17				50		17		
816.782.0 FLAME CUTTER MACHINE OPERATOR	6	3								
816.884.0 FLAME CUTTER, HAND	2	3				1				
			20							010300 AGRICULTURAL MECHANICS
			56		47					172306 WELDING & CUTTING
TOTAL	121	49	76		47	95		20	-166	
CLUSTER NO. 800										
526.781.0 BAKER	16	4								
				1						172901 BAKER
TOTAL	16	4		1					11	
CLUSTER NO. 812										
313.131.0 CHEF	12	3								
313.381.0 COOK	433	81								
			6	2						172902 COOK/CHEF
TOTAL	445	84	6	2					353	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	11	8								
										171600 LAUNDERING & DRY CLEANING
TOTAL	11	8							3	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	115	21								
			1	[illegible]	4					173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	115	21	1	[illegible]	4				81	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	15	4								
952.782.0 POWER PLANT OPERATOR	1[illegible]	5								
					7					173200 STATIONARY ENERGY SOURCES OCC
TOTAL	31	9			7				15	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OF: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RES REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	81	19								
525.381.0 BUTCHER, ALL ROUND	31	7								
525.884.0 BONER OR SKINNER	9	3								
								37		172903 BUTCHER (MEAT CUTTER)
TOTAL	121	29						37	55	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	12	4								
			14		1					173500 UPHOLSTERY
TOTAL	12	4	14		1				-7	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	17	5								
669.380.0 [illegible]	27	4								
763.381.0 [illegible] FINISHER	26	[illegible]								
			1		3					173601 CABINET MAKING
TOTAL	[illegible]	15	1		3				49	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OR: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	20	9								
861.381.0 BRICK LAYER	71	23								
			6							171004 MASONRY
TOTAL	91	32	6						53	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OPERATOR (MINING)	13									
859.883.0 HEAVY EQUIPMENT OPERATOR	50	11								
										171003 HEAVY EQUIPMENT
TOTAL	63	11							52	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREEN TIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER	*									
750.784.0 TIRE BUILDER										
										179800 TIRE MANUFACTURING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION OR: OKLAHOMA CITY SMSA

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OPERATOR (GLASS)										
706.884.0 ASSEMBLER, METAL PRODUCTS	121	31								
										179900 TRADE AND INDUSTRIAL OCC.
TOTAL	121	31							90	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 10										
*180.118.0 FIELDMAN	12									
**400.000.0 FARM MANAGER	87									
*404.880.0 PRUNER--PICKER	5									
*413.181.0 FEEDLOT WORKER	4									
**421.883.0 FARM HAND, GENERAL	8									
466.887.0 LIVESTOCK CARETAKER	14	1								
			130							010100 AGRICULTURAL PRODUCTION 160201 RANCH OPERATION
TOTAL	130	1	130						-1	
CLUSTER NO. 20										
162.158.0 BUYER (WHOLESALE/ RETAIL)	27	6								
*520.885.0 FEED/FERTILIZER MIXER	11									
			7							010200 AGRICULTURAL SUPPLIES/SERV- ICE
TOTAL	38	6	7						25	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	3									010400 AGRICULTURAL PRODUCTS
TOTAL	3								3	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	7									
*624.281.0 AGRICULTURAL MECHANIC	45									
			25		1					010300 AGRICULTURAL MECHANICS 179902 FARM MACHINERY REPAIR
TOTAL	52		25		1				26	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	15									
*406.168.0 GREENHOUSE MAN	1									
407.884.0 GROUNDSKEEPER	13	1								
			1							010500 ORNAMENTAL HORTICULTURE 040500 FLORISTRY
TOTAL	29	1	1						27	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT										
169.188.0 UNDERWRITER	3									
241.168.0 CLAIM ADJUSTER	2									
250.258.0 INSURANCE SALESMAN	15	4								
TOTAL	20	4							16	041300 INSURANCE
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER	2									
TOTAL	2								2	041700 REAL ESTATE

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS		
CLUSTER NO. 90												
260.289.0 SALES OCCUPATIONS (GOODS)	46	8										
290.478.0 SALES CLERK	382	34										
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	27	7										
915.867.0 SERVICE STATION ATTENDANT	17	10										
			7							010200 AGRICULTURAL SUPPLIES/SERVICE		
										010400 AGRICULTURAL PRODUCTS		
			6							040200 APPAREL AND ACCESSORIES		
			3							040300 AUTOMOTIVE		
			10							040600 FOOD DISTRIBUTION		
			6							040800 GENERAL MERCHANDISE		
			3							040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP		
			2							041000 HOME FURNISHING		
										041200 INDUSTRIAL MARKETING		
										041400 INTERNATIONAL TRADE		
			1							041600 PETROLEUM		
			3							041800 RECREATION AND TOURISM		
			9							042000 RETAIL TRADE		
										043100 WHOLESALE TRADE		
TOTAL	472	59	50						363			

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	5	3								
			1							049901 MID MANAGEMENT
TOTAL	5	3	1						1	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	3									
			1							041100 HOTEL AND LODGING
TOTAL	3		1						2	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	16	2								
			2							040100 ADVERTISING SERVICES
			6							040400 FINANCE AND CREDIT
			4							041500 PERSONAL SERVICES
										041900 TRANSPORTATION
TOTAL	16	2	12						2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 03: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER	1									
132.288.0 COPY READER	1									
165.068.0 PUBLIC RELATIONS	8	1								
										040100 ADVERTISING SERVICES
TOTAL	10	1							9	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	3	1								
902.883.0 DUMP TRUCK DRIVER	9	2								
904.883.0 TRACTOR TRAILER TRUCK DRIVER	19	4								
905.883.0 TRUCK DRIVER (HEAVY)	44	13								
906.883.0 TRUCK DRIVER (LIGHT)	39	8								
913.463.0 BUS DRIVER	13	2								
922.883.0 FORKLIFT OPERATOR	28	5								
929.387.0 MATERIAL HANDLER	21	5								
								12		041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	176	40						12	124	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	29	12								
										090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	29	12							17	
CLUSTER NO. 160										
310.868.0 HOSTESS	4	1								
311.878.0 WAITRESS OR WAITER	96	28								
318.887.0 DISHWASHER	21	11								
319.138.0 FOOD SERVICE SUPERVISOR	6	2								
			6							040700 FOOD SERVICES
			15							090203 FOOD MANAGEMENT PROD. & SERVICE
			3							172900 OTHER FOOD OCCUPATIONS
			1							172904 WAITER OR WAITRESS
TOTAL	127	42	25						60	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE										
										070304 PSYCHIATRIC AID
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 008: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	2									
078.381.0 MEDICAL LABORATORY ASSISTANT	1									
078.381.2 MEDICAL LABORATORY TECHNICIAN	2									070203 MEDICAL LABORATORY ASSISTING
TOTAL	5								5	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	41	3								
				33						070301 NURSING (ASSOCIATE DEGREE)
TOTAL	41	3		33					5	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	93	13								
			1							070302 PRACTICAL (VOC) NURSING
TOTAL	93	13	1						79	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	121	45								
					72					070303 NURSE ASSISTANCE (AID)
			1							070399 NURSING OTHER
			15							079900 HEALTH SERVICES
TOTAL	121	45	16		72				-12	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	3									070305 SURGICAL TECHNICIAN
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	1									
079.128.1 RECREATIONAL THERAPIST	1									
079.368.1 OCCUPATIONAL THERAPIST AIDE	1									
355.878.2 PHYSICAL THERAPIST AIDE	2									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	5								5	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN	1									070901 E.E.G. TECHNICIAN
TOTAL	1								1	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN	1									070902 E.K.G. TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	2									070501 RADIOLOGIC TECHNICIAN 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	2								2	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	2									070903 INHALATION THERAPY
TOTAL	2								2	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	1	1								070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	1	1							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 29C										
249.388.1 MEDICAL RECORD CLERK	2									
					4					079901 MEDICAL RECORD CLERK
TOTAL	2				4				-2	
CLUSTER NO. 30C										
219.388.1 WARD CLERK	8									07?902 WARD CLERK
TOTAL	8								8	
CLUSTER NO. 31C										
100.388.0 MEDICAL RECORD LIBRARIAN	1									070210 MEDICAL RECORD TECHNICIAN
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION NO: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	5	3								
359.878.1 TEACHER AIDE	23									
			5							090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	28	3	5						20	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)	6									
785.381.0 SEAMSTRESS OR TAILOR	12									
786.787.0 SEWING MACHINE OPERATOR	170	19								
			1							090103 CLOTH AND TEXTILES
			2		28					090202 CLOTHING MGMT., PROD. & SERVICE
					5					090204 HOME FURNISHING SERVICES
										173302 TAILORING
TOTAL	188	19	3		33				133	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	44	9								
160.288.0 COST ESTIMATOR	1									
168.288.0 CLAIMS EXAMINER	1									
186.168.0 BANK CASHIER	3	1								
209.388.1 STATEMENT CLERK	4									
210.388.0 HAND BOOKKEEPER	49	15								
211.368.0 CASHIER	77	3								
212.368.0 BANKING TELLER	15	2								
215.388.0 BOOKKEEPING MA-CHINE OPERATOR	22	7								
215.488.0 PAYROLL CLERK	16	3								
217.388.0 TRANSIT CLERK										
219.488.0 ACCOUNTING CLERK	89	14								
249.368.0 CREDIT CLERK										
249.368.1 CLAIMS CLERK (INSURANCE)	3									
249.368.2 NEW ACCOUNT CLERK	3									
					94			29		140100 ACCOUNTING AND COMPUTING
TOTAL	326	53			94			29	150	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	9									
162.288.0 TITLE CLERK										
			1		2					140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	9		1		2				6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHEAST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: RESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	43	17								
219.388.0 SORTING CLERK	4									
219.388.3 GENERAL OFFICE CLERK	87	29								
219.388.4 TIME KEEPER										
237.368.0 ADMITTING CLERK	1									
249.388.0 LOAN CLOSER										
			26	2	43					140300 GENERAL OFFICE CLERICAL OCCUP.
			36	11	86					140900 TYPING & RELATE OCCUPATIONS
										149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	135	46	62	13	129				-115	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	15									
233.388.0 MAIL CARRIER	15	1								
										140403 MAIL AND POSTAL CLERKS
TOTAL	30	1							29	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	30	4								
239.588.0 METER READER	1	1								140400 INFORM. COMMUN-ICATIONS OCCUP.
TOTAL	31	5							26	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	22	2								140600 PERSONNEL, TRA-INING & RELATED
TOTAL	22	2							20	
CLUSTER NO. 400										
201.368.0 SECRETARY	139	33						13		
202.388.0 STENOGRAPHER	16	5								
			56	3	42					140700 SECRETARY OR STENOGRAPHER
			16		16					140703 MEDICAL SEC-RETARY
TOTAL	155	35	72	3	58			13	-29	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR	1									
213.582.0 KEYPUNCH OPERATOR	12	5						26		
213.782.0 TABULATING MACHINE OPERATOR	3									
			39	1	25					140200 BUSINESS DATA PROCESSING
TOTAL	16	5	39	1	25			26	-80	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL	3									
003.281.0 DRAFTSMAN, ELECTRICAL										
003.281.1 DRAFTSMAN, ELECTRONIC	1									
005.281.0 DRAFTSMAN, CIVIL	1	1								
007.181.1 DIE TOOL DESIGNER										
007.281.0 DRAFTSMAN, MECHANICAL	6	3								
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP										160103 ARCHITECTURAL TECHNOLOGY
				5						160198 DRAFTING AND DESIGN
			10		5					171300 DRAFTING
TOTAL	11	4	10	5	5				-22	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 430										
022.081.0 CHEMIST	2									
029.281.0 LABORATORY TESTER	5	1								160105 CHEMICAL TECHNOLOGY 160114 METALS TECHNOLOGY
TOTAL	7	1							6	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	3									
018.188.0 SURVEYOR	2	1								160106 CIVIL TECHNOLOGY
TOTAL	5	1							4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible]: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN	4									
003.181.1 ELECTRICAL TECHNICIAN	1	3								
				6						160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY 160109 ELECTROMECHANIC TECHNOLOGY
TOTAL	5	3		6					-4	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN	2									
019.281.0 QUALITY CONTROL TECHNICIAN	3	1								
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	5	1							4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN	1									
				3						160112 INSTRUMENTATION TECHNOLOGY
										172100 INSTRUMENT MAINT. & REPAIR
TOTAL	1			3					-2	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN	5	1								
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT		1								
710.281.1 ELECTROMECHANICAL TECHNICIAN										
										160109 ELECTROMECHANIC TECHNOLOGY
										160113 MECHANICAL TECHNOLOGY
TOTAL	5	2							3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)	1									
549.280.0 PUMPMAN (PETROLEUM REFINING)										160116 PETROLEUM TECHNOLOGY
TOTAL	1								1	
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER										160117 SCIENTIFIC DATA PROCESSING
TOTAL									0	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER										160197 TECHNICAL WRITING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 08: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST	1									
020.188.0 BUSINESS PROGRAMMER	3	1								
213.382.1 DIGITAL COMPUTER OPERATOR	3									
219.388.2 PROGRAM CODER	3									
				11						160401 COMPUTER SCIENCE
TOTAL	10	1		11					-2	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR										
373.384.0 FIREMAN	24	2								
										160602 FIRE AND FIRE SAFETY TECH.
										172801 FIREMAN TRAINING
TOTAL	24	2							22	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION NO: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	24	4								
377.868.0 SHERIFF	3	1								
			1							160605 POLICE SCIENCE TECHNOLOGY 172802 LAW ENFORCEMENT TRAINING
TOTAL	27	5	1						21	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	23	7								
195.228.0 RECREATION LEADER	3	1								172899 PUBLIC SERVICE OCCUPATIONS
TOTAL	26	8							18	
CLUSTER NO. 560										
637.281.0 AIR-COND. & REFRIG MECHANIC	13	2								
			35	2	53					170100 AIR CONDITION & HEATING
TOTAL	13	2	35	2	53				-79	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 00: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TEC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	26	5								
899.281.0 MAINTENANCE MAN, EQUIPMENT	41	3								
			7							170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	67	8	7						52	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	4	1								
			2							170200 APPLIANCE REPAIR
TOTAL	4	1	2						1	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	22	7								
845.781.0 AUTO PAINTER	19	1								
			36	1	23					170301 BODY AND FENDER
TOTAL	41	8	36	1	23				-27	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	87	13				1				
620.281.1 AUTO - AIR CONDI-TIONING	2	1								
			91	6	76					170302 AUTO MECHANICS
TOTAL	89	14	91	6	76	1			-99	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	6	1								
223.387.0 AUTO PARTS CLERK	31	2								
			3							040300 AUTOMOTIVE
				1						170399 AUTOMOTIVE SERVICES
TOTAL	37	3	3	1					30	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC	8	2								
621.281.1 JET ENGINE MECHANIC										
621.781.0 AIRCRAFT ACCESS-ORIES MECHANIC										
			5							160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL	8	2	5						1	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COM-MERCIAL ARTIST		1								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	2									
			5							170700 COMMERCIAL ART
TOTAL	2	1	5						-4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN		1								
			1							170900 COMMERCIAL PHOTOGRAPHY
TOTAL		1	1						-2	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	15	3								
841.781.0 PAINTER OR PAPERHANGER	12									
860.381.0 CARPENTER	59	15								
899.381.0 MAINTENANCE MAN, BUILDING	19	4				1				
			27							171001 CARPENTRY
TOTAL	105	22	27			1			55	

ESTIMATED ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN										
726.781.0 ELECTRONICS ASSEMBLER										
821.381.0 LINEMAN	10	1								
822.381.0 TELEPHONE INSTALLER	9	2								
824.281.0 ELECTRICIAN	50	13								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	2									
			8		1					171002 ELECTRICITY
										171402 ELECTRICAL LINEMAN
			27		31					171502 ELECTRONICS
TOTAL	71	16	35		32				-12	
CLUSTER NO. 670										
382.884.0 JANITOR	41	5								
					3					171100 CUSTODIAL SERVICES
TOTAL	41	5			3				33	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION NO: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: NEW REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	17	1								
			24	2	14					171200 DIESEL MECHANICS
TOTAL	17	1	24	2	14				-24	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	6	1								
823.281.0 RADIO MECHANIC	3	1								
			14		1					171503 RADIO/TV
TOTAL	9	2	14		1				-8	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	6									
651.782.0 CYLINDER-PRESS MAN	6	1								
651.782.1 OFFSET-PRESS MAN	12									
										171901 COMPOSITION, MAKEUP & TYPE-SET
			11	3	6					171902 PRINTING
TOTAL	24	1	11	3	6				3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible]: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC. REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	21	3								
600.381.0 LAYOUT MAN (MACHINE SHOP)	1									
603.280.0 PRECISION GRINDER	4									
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	9	1								
705.884.0 BENCH GRINDER	10	2								
			14	1	14					172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	45	6	14	1	14				10	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)	2	1								172399 METALWORKING
TOTAL	2	1							1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 22: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										172304 METAL TRADES, COMBINED
TOTAL									0	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS	4									
601.280.1 TOOL MACHINE SET-UP OPERATOR	6									172307 TOOL AND DIE MAKING
TOTAL	10								10	
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR	1	1								
617.380.0 BRAKE OPERATOR	1	1								
619.380.0 METAL FABRICATOR	17									
804.281.0 SHEET METAL WORKER	19	1								172305 SHEET METAL
TOTAL	38	3							35	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER	4									172400 METALLURGY
TOTAL	4								4	
CLUSTER NO. 780										
801.781.0 STRUCTURAL STEEL WORKER	7	1								
809.381.0 LAYOUT MAN (STRUCTURAL)	3									171099 CONSTRUCTION & MAINT. TRADE
TOTAL	10	1							9	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 790										
810.782.0 WELDING MACHINE OPERATOR	4	1								
810.884.0 WELDER, ARC	25	7								
810.884.1 WELDER, GAS	1									
812.884.0 WELDER, COMBINATION	18	5				1				
816.782.0 FLAME CUTTER MACHINE OPERATOR	1									
816.884.0 FLAME CUTTER, HAND										
			24							010300 AGRICULTURAL MECHANICS
			19		34					172306 WELDING & CUTTING
TOTAL	49	13	43		34	1			-42	
CLUSTER NO. 800										
526.781.0 BAKER	3	2								
										172901 BAKER
TOTAL	3	2							1	
CLUSTER NO. 810										
313.131.0 CHEF	1									
313.381.0 COOK	84	21								
			2	1						172902 COOK/CHEF
TOTAL	85	21	2	1					61	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	7	1								171600 LAUNDERING & DRY CLEANING
TOTAL	7	1							6	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	40	12								
			1		11					173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	40	12	1		11				16	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	7	1								
952.782.0 POWER PLANT OPERATOR	9									173200 STATIONARY ENERGY SOURCES OCC
TOTAL	16	1							15	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	19	3								
525.381.0 BUTCHER, ALL ROUND		1								
525.884.0 BONER OR SKINNER		1								
			1							172903 BUTCHER (MEAT CUTTER)
TOTAL	19	5	1						13	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	2									
				1	21					173500 UPHOLSTERY
TOTAL	2			1	21				-20	
CLUSTER NO. 860										
660.280.0 CABINET MAKER	15	2								
669.380.0 MILL MAN	1									
763.381.0 FURNITURE FINISHER	11									
					16					173601 CABINET MAKING
TOTAL	27	2			16				9	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	9	2								
861.381.0 BRICK LAYER	39	6								
TOTAL	48	8							40	171004 MASONRY
CLUSTER NO. 880										
515.782.0 GRINDING MILL OP-ERATOR (MINING)	1									
859.883.0 HEAVY EQUIPMENT OPERATOR	19	4								
TOTAL	20	4							16	171003 HEAVY EQUIPMENT
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR	*									
750.387.0 TIRE CLASSIFIER										
750.884.0 TIRE BUILDER										
TOTAL									0	179800 TIRE MANUFACT-URING

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 09: SOUTHWEST CENTRAL

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OP-ERATOR (GLASS)										
706.884.0 ASSEMBLER, METAL PRODUCTS	17	4								
										179900 TRADE AND IN-DUSTRIAL OCC.
TOTAL	17	4							13	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 1C										
*180.118.0 FIELDMAN	2									
**400.000.0 FARM MANAGER	88									
*404.880.0 PRUNER--PICKER	2									
*413.181.0 FEEDLOT WORKER	15									
**421.883.0 FARM HAND, GENERAL	8									
466.887.0 LIVESTOCK CARETAKER	8	2								
			96							010100 AGRICULTURAL PRODUCTION
			2							160201 RANCH OPERATION
TOTAL	123	2	98						23	
CLUSTER NO. 2C										
162.158.0 BUYER (WHOLESALE/ RETAIL)	3									
*520.885.0 FEED/FERTILIZER MIXER	3									
			4							010200 AGRICULTURAL SUPPLIES/SERV-ICE
TOTAL	6		4						2	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	13									
										010400 AGRICULTURAL PRODUCTS
TOTAL	13								13	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	2									
*624.281.0 AGRICULTURAL MECHANIC	17									
			18							010300 AGRICULTURAL MECHANICS
			5							179902 FARM MACHINERY REPAIR
TOTAL	19		23						-4	
CLUSTER NO. 50										
*142.081.0 FLORAL DESIGN	3									
*406.168.0 GREENHOUSE MAN										
407.884.0 GROUNDSKEEPER	3	1								
										010500 ORNAMENTAL HORTICULTURE
										040500 FLORISTRY
TOTAL	6	1							5	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT	3									
169.188.0 UNDERWRITER										
241.168.0 CLAIM ADJUSTER	1									
250.258.0 INSURANCE SALESMAN	2	1								
										041300 INSURANCE
TOTAL	6	1							5	
CLUSTER NO. 80										
191.287.0 REAL ESTATE APPRAISER										
										041700 REAL ESTATE
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	54	7								
290.478.0 SALES CLERK	91	21								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)	6	3								
915.867.0 SERVICE STATION ATTENDANT	11	6								
			4							010200 AGRICULTURAL SUPPLIES/SERVICE
										010400 AGRICULTURAL PRODUCTS
										040200 APPAREL AND ACCESSORIES
			2							040300 AUTOMOTIVE
			3							040600 FOOD DISTRIBUTION
			4							040800 GENERAL MERCHANDISE
			2							040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
			2							041000 HOME FURNISHING
			1							041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
			2							041600 PETROLEUM
										041800 RECREATION AND TOURISM
			4							042000 RETAIL TRADE
										043100 WHOLESALE TRADE
TOTAL	162	37	24						101	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	11	2								
			3	5						049901 MID MANAGEMENT
TOTAL	11	2	3	5					1	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	3	2								
										041100 HOTEL AND LODGING
TOTAL	3	2							1	
CLUSTER NO. 120										
252.358.0 SERVICE SALESMAN	10	1								
			2							040100 ADVERTISING SERVICES
			3							040400 FINANCE AND CREDIT
			4							041500 PERSONAL SERVICES
			1							041900 TRANSPORTATION
TOTAL	10	1	10						-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER										
132.288.0 COPY READER										
165.068.0 PUBLIC RELATIONS	1									
										040100 ADVERTISING SERVICES
TOTAL	1								1	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	6	1								
902.883.0 DUMP TRUCK DRIVER	3	1								
904.883.0 TRACTOR TRAILER TRUCK DRIVER	8	2								
905.883.0 TRUCK DRIVER (HEAVY)	31	11								
906.883.0 TRUCK DRIVER (LIGHT)	34	5								
913.463.0 BUS DRIVER	2	1								
922.883.0 FORKLIFT OPERATOR	17	3								
929.887.0 MATERIAL HANDLER	15	9								
			1							
								16		041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	116	33	1					16	66	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	24	8								
										090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	24	8							16	
CLUSTER NO. 160										
310.868.0 HOSTESS	3									
311.878.0 WAITRESS OR WAITER	78	29								
318.887.0 DISHWASHER	10	5								
319.138.0 FOOD SERVICE SUPERVISOR	4	1								
			4							040700 FOOD SERVICES
										090203 FOOD MANAGEMENT PROD. & SERVICE
			1							172900 OTHER FOOD OCCUPATIONS
			6							172904 WAITER OR WAITRESS
TOTAL	95	35	11						49	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE										
										070304 PSYCHIATRIC AID
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST	1									
078.381.0 MEDICAL LABORATORY ASSISTANT	3									
078.381.2 MEDICAL LABORATORY TECHNICIAN	3									
				11						070203 MEDICAL LABORATORY ASSISTING
TOTAL	7			11					-4	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	32	2								070301 NURSING (ASSOCIATE DEGREE)
TOTAL	32	2							30	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	39	9								070302 PRACTICAL (VOC) NURSING
TOTAL	39	9							30	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	92	27				24				
			2		9					070303 NURSE ASSISTANCE (AID)
			3							070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	92	27	5		9	24			27	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	5									
										070305 SURGICAL TECHNICIAN
TOTAL	5								5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST										
079.128.1 RECREATIONAL THERAPIST										
079.368.1 OCCUPATIONAL THERAPIST AIDE										
355.878.2 PHYSICAL THERAPIST AIDE	3									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	3								3	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN										070901 E.E.G. TECHNICIAN
TOTAL									0	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN	2									070902 E.K.G. TECHNICIAN
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	2									070501 RADIOLOGIC TECHNICIAN 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	2								2	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	4									070903 INHALATION THERAPY
TOTAL	4								4	
CLUSTER NO. 280										
223.887.0 CENTRAL SUPPLY WORKER	1	1								070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	1	1							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	3									079901 MEDICAL RECORD CLERK
TOTAL	3								3	
CLUSTER NO. 300										
219.388.1 WARD CLERK	5									079902 WARD CLERK
TOTAL	5								5	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	2									070210 MEDICAL RECORD TECHNICIAN
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	1	2								
359.878.1 TEACHER AIDE	3									
			1							090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	4	2	1						1	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)										
785.381.0 SEAMSTRESS OR TAILOR	3									
786.787.0 SEWING MACHINE OPERATOR	137	21								
			6		10					090103 CLOTH AND TEXTILES 090202 CLOTHING MGMT., PROD. & SERVICE 090204 HOME FURNISHING SERVICES 173302 TAILORING
TOTAL	140	21	6		10				103	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TEC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	3	1								
160.288.0 COST ESTIMATOR										
168.288.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	1									
209.388.1 STATEMENT CLERK	1									
210.388.0 HAND BOOKKEEPER	43	13								
211.368.0 CASHIER	29	2								
212.368.0 BANKING TELLER	4	1								
215.388.0 BOOKKEEPING MACHINE OPERATOR	7	2								
215.488.0 PAYROLL CLERK	5									
217.388.0 TRANSIT CLERK										
219.488.0 ACCOUNTING CLERK	4	3								
249.368.0 CREDIT CLERK										
249.368.1 CLAIMS CLERK (INSURANCE)	2									
249.368.2 NEW ACCOUNT CLERK										
TOTAL	99	22							77	140100 ACCOUNTING AND COMPUTING
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	1									
162.288.0 TITLE CLERK										
TOTAL	1								1	140800 SUPERVISORY & ADMIN. MGMT.

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	20	8								
219.388.0 SORTING CLERK	1									
219.388.3 GENERAL OFFICE CLERK	39	17								
219.388.4 TIME KEEPER	1									
237.368.0 ADMITTING CLERK	1									
249.388.0 LOAN CLOSER	1									
			15		5					140300 GENERAL OFFICE CLERICAL OCCUP.
			10		2					140900 TYPING & RELATE OCCUPATIONS
										149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	63	25	25		7				6	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	7									
233.388.0 MAIL CARRIER	12	2								
										140403 MAIL AND POSTAL CLERKS
TOTAL	19	2							17	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	13	3								
239.588.0 METER READER	1									
TOTAL	14	3							11	140400 INFORM, COMMUNICATIONS OCCUP.
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	2	1								
TOTAL	2	1							1	140600 PERSONNEL, TRAINING & RELATED
CLUSTER NO. 400										
201.368.0 SECRETARY	42	21								
202.388.0 STENOGRAPHER	10	3								
			3							140700 SECRETARY OR STENOGRAPHER
			1							140703 MEDICAL SECRETARY
TOTAL	52	24	4						24	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVERTER OPERATOR										
213.582.0 KEYPUNCH OPERATOR	2									
213.782.0 TABULATING MACHINE OPERATOR										140200 BUSINESS DATA PROCESSING
TOTAL	2								2	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL										
003.281.0 DRAFTSMAN, ELECTRICAL										
003.281.1 DRAFTSMAN, ELECTRONIC										
005.281.0 DRAFTSMAN, CIVIL										
007.181.1 DIE TOOL DESIGNER	1									
007.281.0 DRAFTSMAN, MECHANICAL										
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP	1									160103 ARCHITECTURAL TECHNOLOGY 160198 DRAFTING AND DESIGN 171300 DRAFTING
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 430										
022.081.0 CHEMIST										160105 CHEMICAL TECHNOLOGY
029.281.0 LABORATORY TESTER										160114 METALS TECHNOLOGY
TOTAL									0	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	2									160106 CIVIL TECHNOLOGY
018.188.0 SURVEYOR	1									
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN										
003.181.1 ELECTRICAL TECHNICIAN		1								
			1	5						160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY 160109 ELECTROMECHANIC TECHNOLOGY
TOTAL		1	1	5					-7	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN										
019.281.0 QUALITY CONTROL TECHNICIAN	3									
										160111 INDUSTRIAL TECHNOLOGY
TOTAL	3								3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN										160112 INSTRUMENTATION TECHNOLOGY 172100 INSTRUMENT MAINT, & REPAIR
TOTAL									0	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN										
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT										
710.281.1 ELECTROMECHANICAL TECHNICIAN										160109 ELECTROMECHANIC TECHNOLOGY 160113 MECHANICAL TECHNOLOGY
TOTAL									0	

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)										
549.280.0 PUMPMAN (PETROLEUM REFINING)										160116 PETROLEUM TECHNOLOGY
TOTAL									0	
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER										160117 SCIENTIFIC DATA PROCESSING
TOTAL									0	
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER										160197 TECHNICAL WRITING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST										
020.188.0 BUSINESS PROGRAMMER										
213.382.1 DIGITAL COMPUTER OPERATOR	1									
219.388.2 PROGRAM CODER										160401 COMPUTER SCIENCE
TOTAL	1								1	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR	1	1								
373.884.0 FIREMAN	7	1								160602 FIRE AND FIRE SAFETY TECH. 172801 FIREMAN TRAINING
TOTAL	8	2							6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	8	1								
377.868.0 SHERIFF	1									160605 POLICE SCIENCE TECHNOLOGY 172802 LAW ENFORCEMENT TRAINING
TOTAL	9	1							8	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	12	3								
195.228.0 RECREATION LEADER	2									172899 PUBLIC SERVICE OCCUPATIONS
TOTAL	14	3							11	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC	2	1								
					9					170100 AIR CONDITION & HEATING
TOTAL	2	1			9				-8	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	13	3								
899.281.0 MAINTENANCE MAN, EQUIPMENT	17	6								170102 PLUMBING 170107 PLUMBING AND PIPEFITTING
TOTAL	30	9							21	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	1									
			1							170200 APPLIANCE REPAIR
TOTAL	1		1						0	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	16	1								
845.781.0 AUTO PAINTER	5	1								
			14		5					170301 BODY AND FENDER
TOTAL	21	2	14		5				0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC	PUBLIC			FEDERAL		PRIV-ATE		
		REGIS-TRANTS	SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL	SCHOOLS		
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	61	7								
620.281.1 AUTO - AIR CONDITIONING	5									
			20		8					170302 AUTO MECHANICS
TOTAL	66	7	20		8				31	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	2	1								
223.387.0 AUTO PARTS CLERK	5	2								
			1							040300 AUTOMOTIVE
			8							170399 AUTOMOTIVE SERVICES
TOTAL	7	3	9						-5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC		1								
621.281.1 JET ENGINE MECHANIC										
621.781.0 AIRCRAFT ACCESS-ORIES MECHANIC										
			6		1					160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL		1	6		1				-8	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COM-MERCIAL ARTIST		1								
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)										170700 COMMERCIAL ART
TOTAL		1							-1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 12: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN		1								
										170900 COMMERCIAL PHOTOGRAPHY
TOTAL		1							-1	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	4									
841.781.0 PAINTER OR PAPERHANGER	7	1								
860.381.0 CARPENTER	38	9								
899.381.0 MAINTENANCE MAN, BUILDING	14	3								
			10							171001 CARPENTRY
TOTAL	63	13	10						40	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: JMSC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN		1								
726.781.0 ELECTRONICS ASSEMBLER										
821.381.0 LINEMAN	4	1								
822.381.0 TELEPHONE INSTALLER	3									
824.281.0 ELECTRICIAN	13	1								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	1									171002 ELECTRICITY 171402 ELECTRICAL LINEMAN 171502 ELECTRONICS
TOTAL	21	3							18	
CLUSTER NO. 670										
382.884.0 JANITOR	14	3								171100 CUSTODIAL SERVICES
TOTAL	14	3							11	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	11	1								171200 DIESEL MECHANICS
TOTAL	11	1							10	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	3									
823.281.0 RADIO MECHANIC	1									
				2						171503 RADIO/TV
TOTAL	4			2					2	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	1									
651.782.0 CYLINDER-PRESS MAN	3									
651.782.1 OFFSET-PRESS MAN	5									
										171901 COMPOSITION, MAKEUP & TYPE-SET
				2	1					171902 PRINTING
TOTAL	9			2	1				6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION [illegible]: SOUTHEAST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND										
600.381.0 LAYOUT MAN (MACHINE SHOP)										
603.280.0 PRECISION GRINDER										
609.885.0 PRODUCTION MACHINE TOOL OPERATOR										
705.884.0 BENCH GRINDER										
				1						172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL				1					-1	
CLUSTER NO. 730										
500.380.0 PLATER (ELECTRO PLATING)										172399 METALWORKING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										172304 METAL TRADES, COMBINED
TOTAL									0	
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS										
601.280.1 TOOL MACHINE SET-UP OPERATOR										172307 TOOL AND DIE MAKING
TOTAL									0	
CLUSTER NO. 760										
615.782. [illegible]										
617.380.0 [illegible]										
619.380.0 [illegible]										
804.781. [illegible] SHEET METAL WORKER										172305 SHEET METAL
TOTAL									1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 13: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 770										
504.782.0 HEAT TREATER										
TOTAL									0	172400 METALLURGY
CLUSTER NO. [illegible]										
801.781.0 STRUCTURAL STEEL WORKER	3									
809.381.0 LAYOUT MAN (STRUCTURAL)										
TOTAL	3								3	171099 CONSTRUCTION & MAINT. TRADE

[illegible] MANPOWER [illegible]
1973

[illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	REGISTRANTS (Supply)	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. [illegible]										
810.782.0 WELDING MACHINE OPERATOR										
810.884.0 WELDER, ARC	6	3								
810.884.1 WELDER, GAS										
812.884.0 WELDER, COMBINATION	17	[illegible]								
816.782.0 FLAME CUTTER MACHINE OPERATOR	3									
816.884.0 FLAME CUTTER, HAND										
			17							010300 AGRICULTURAL MECHANICS
			2							172306 WELDING & CUTTING
TOTAL	26	4	19						3	
CLUSTER NO. [illegible]										
526.781.0 BAKER	1	1								172901 BAKER
TOTAL	1	1							0	
CLUSTER NO. [illegible]										
313.131.0 CHEF										
313.381.0 COOK	[illegible]	17								
			2							172902 COOK/CHEF
TOTAL	[illegible]	17	2						[illegible]	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS- TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV- ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 820										
361.885.0 LAUNDRY PERSONNEL	6	1								171600 LAUNDERING & DRY CLEANING
TOTAL	6	1							5	
CLUSTER NO. 825										
625.281.1 SMALL ENGINE REPAIRMAN	1									173100 SMALL GASOLINE ENGINE REPAIR
TOTAL	1								1	
CLUSTER NO. 830										
950.782.0 STATIONARY ENGINEER	4									
952.782.0 POWER PLANT OPERATOR	3									173200 STATIONARY ENERGY SOURCES OCC
TOTAL	7								7	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 840										
316.884.0 MEAT CUTTER	2	1								
525.381.0 BUTCHER, ALL ROUND										
525.884.0 BONER OR SKINNER										172903 BUTCHER (MEAT CUTTER)
TOTAL	2	1							1	
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER	1									
				1						173500 UPHOLSTERY
TOTAL	1			1					0	
CLUSTER NO. 960										
660.280.0 CABINET MAKER	9									
669.380.0 MILL MAN	6									
763.381.0 FURNITURE FINISHER	17									173601 CABINET MAKING
TOTAL	32								32	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	4	1								
861.381.0 BRICK LAYER	18	2								171004 MASONRY
TOTAL	22	3							19	
CLUSTER NO. 880										
515.782.0 GRINDING MILL OPERATOR (MINING)										
859.883.0 HEAVY EQUIPMENT OPERATOR	8	2								171003 HEAVY EQUIPMENT
TOTAL	8	2							6	
CLUSTER NO. 890										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREENTIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER	*									
750.384.0 TIRE BUILDER										179800 TIRE MANUFACTURING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 10: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OPERATOR (GLASS)										
706.884.0 ASSEMBLER, METAL PRODUCTS	6									
										179900 TRADE AND INDUSTRIAL OCC.
TOTAL	6								6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION II: [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: OESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 1C										
*180.118.0 FIELDMAN	1									
**400.000.0 FARM MANAGER	69									
*404.980.0 PRUNER--PICKER										
*413.181.0 FEEDLOT WORKER	7									
**421.883.0 FARM HAND, GENERAL	9									
466.887.0 LIVESTOCK CARETAKER	5	1								
			46							010100 AGRICULTURAL PRODUCTION; 160201 RANCH OPERATION
TOTAL	91	1	46						44	
CLUSTER NO. 2C										
162.158.0 BUYER (WHOLESALE/RETAIL)										
*520.885.0 FEED/FERTILIZER MIXER	5									
			4							010200 AGRICULTURAL SUPPLIES/SERVICE
TOTAL	5		4						1	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

** Oklahoma State University Farm Manpower Projections

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 30										
*919.887.0 YARDMAN	5									
										010400 AGRICULTURAL PRODUCTS
TOTAL	5								5	
CLUSTER NO. 40										
*521.782.0 MILL OPERATOR	9									
*624.281.0 AGRICULTURAL MECHANIC	17									
			14							010300 AGRICULTURAL MECHANICS
			1	2						179902 FARM MACHINERY REPAIR
TOTAL	26		15	2					9	
CLUSTER NO. 50										
142.081.0 FLORAL DESIGN	6									
406.168.0 GREENHOUSE MAN										
407.884.0 GROUNDSKEEPER	3	1								
			1							010500 ORNAMENTAL HORTICULTURE
										040500 FLORISTRY
TOTAL	9	1	1						7	

* Employment Opportunities and Educational Needs in Off-Farm Agri-Business Occupations - Jesse Mitchell

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: UESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 70										
166.168.0 SPECIAL AGENT										
169.188.0 UNDERWRITER										
241.168.0 CLAIM ADJUSTER										
250.258.0 INSURANCE SALESMAN	1									041300 INSURANCE
TOTAL	1								1	
CLUSTER NO. 30										
191.287.0 REAL ESTATE APPRAISER										041700 REAL ESTATE
TOTAL									0	

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 90										
260.289.0 SALES OCCUPATIONS (GOODS)	25	5								
290.478.0 SALES CLERK	98	16								
292.358.0 SALESMAN-DRIVER (ROUTEMAN)		1								
915.867.0 SERVICE STATION ATTENDANT	6	3								
			3							010200 AGRICULTURAL SUPPLIES/SERV-ICE
										010400 AGRICULTURAL PRODUCTS
										040200 APPAREL AND ACCESSORIES
										040300 AUTOMOTIVE
										040600 FOOD DISTRIBUTION
			3							040800 GENERAL MERCHANDISE
										040900 HDW. BLDG. MAT. FARM SUPPLIES & EQP
										041000 HOME FURNISHING
										041200 INDUSTRIAL MARKETING
										041400 INTERNATIONAL TRADE
										041600 PETROLEUM
										041800 RECREATION AND TOURISM
			1							042000 RETAIL TRADE
										043100 WHOLESALE TRADE
TOTAL	129	25	7						97	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 100										
189.168.0 MANAGEMENT TRAINEE	2	1								049901 MID MANAGEMENT
TOTAL	2	1							1	
CLUSTER NO. 110										
242.368.0 HOTEL CLERK	3									041100 HOTEL AND LODGING
TOTAL	3								3	
CLUSTER NO. 120										
252.353.0 SERVICE SALESMAN	5	1								040100 ADVERTISING SERVICES
										040400 FINANCE AND CREDIT
			1							041500 PERSONAL SERVICES
										041900 TRANSPORTATION
TOTAL	5	1	1						3	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 130										
132.088.0 COPYWRITER	1									
132.268.0 COPY READER										
165.068.0 PUBLIC RELATIONS										
										040100 ADVERTISING SERVICES
TOTAL	1								1	
CLUSTER NO. 140										
184.168.0 TRAFFIC MANAGER	1									
902.883.0 DUMP TRUCK DRIVER	1									
904.883.0 TRACTOR TRAILER TRUCK DRIVER	2									
905.883.0 TRUCK DRIVER (HEAVY)	16	4								
906.883.0 TRUCK DRIVER (LIGHT)	23	7								
913.463.0 BUS DRIVER	1	1								
922.883.0 FORKLIFT OPERATOR	10	1								
929.887.0 MATERIAL HANDLER	10	2								
								24		041900 TRANSPORTATION 179901 TRUCK DRIVER
TOTAL	64	15						24	25	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 150										
321.138.0 HOUSEKEEPER	18	3								090205 INSTITUTIONAL & HOME MGMT, SERV
TOTAL	18	3							15	
CLUSTER NO. 160										
310.868.0 HOSTESS	2									
311.878.0 WAITRESS OR WAITER	49	13								
318.887.0 DISHWASHER	7	2								
319.138.0 FOOD SERVICE SUPERVISOR	3									
			2							040700 FOOD SERVICES 090203 FOOD MANAGEMENT PROD. & SERVICE 172900 OTHER FOOD OCCUPATIONS 172904 WAITER OR WAITRESS
TOTAL	61	15	2						44	
CLUSTER NO. 170										
355.878.1 PSYCHIATRIC AIDE	20	2								070304 PSYCHIATRIC AID
TOTAL	20	2							19	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 180										
078.281.0 MEDICAL TECHNOLOGIST										
078.381.0 MEDICAL LABORATORY ASSISTANT	3									
078.381.2 MEDICAL LABORATORY TECHNICIAN	4									
										070203 MEDICAL LABORATORY ASSISTING
TOTAL	7								7	
CLUSTER NO. 190										
075.378.0 REGISTERED NURSE BACC,DIPL,ASSOC	27	1								
										070301 NURSING (ASSOCIATE DEGREE)
TOTAL	27	1							26	
CLUSTER NO. 200										
079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)	38	2								
			1	24						070302 PRACTICAL (VOC) NURSING
TOTAL	38	2	1	24					11	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 210										
355.878.0 NURSE AIDE	62	19								070303 NURSE ASSISTANCE (AID) 070399 NURSING OTHER 079900 HEALTH SERVICES
TOTAL	62	19							43	
CLUSTER NO. 220										
079.378.2 SURGICAL TECHNICIAN	4									070305 SURGICAL TECHNICIAN
TOTAL	4								4	

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NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 230										
079.128.0 OCCUPATIONAL THERAPIST	1									
079.128.1 RECREATIONAL THERAPIST										
079.368.1 OCCUPATIONAL THERAPIST AIDE										
355.878.2 PHYSICAL THERAPIST AIDE	3									070400 REHABILITATION 070910 ORTHOPEDIC ASSISTING
TOTAL	4								4	
CLUSTER NO. 240										
078.368.0 E.E.G. TECHNICIAN										070901 E.E.G. TECHNICIAN
TOTAL									0	
CLUSTER NO. 250										
078.368.1 E.K.G. TECHNICIAN										070902 E.K.G. TECHNICIAN
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION III: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 260										
078.368.2 RADIOLOGIC TECHNICIAN	3									070501 RADIOLOGIC TECHNICIAN; 070504 RADIOLOGIC TECH. (X-RAY)
TOTAL	3								3	
CLUSTER NO. 270										
079.368.0 INHALATION THERAPY TECHNICIAN	2									070903 INHALATION THERAPY
TOTAL	2								2	
CLUSTER NO. 280										
223.387.0 CENTRAL SUPPLY WORKER	1	1								070905 CENTRAL SUPPLY TECHNICIAN
TOTAL	1	1							0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 290										
249.388.1 MEDICAL RECORD CLERK	3									079901 MEDICAL RECORD CLERK
TOTAL	3								3	
CLUSTER NO. 300										
219.388.1 WARD CLERK	3									079902 WARD CLERK
TOTAL	3								3	
CLUSTER NO. 310										
100.388.0 MEDICAL RECORD LIBRARIAN	2									070210 MEDICAL RECORD TECHNICIAN
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 320										
359.878.0 NURSERY SCHOOL ATTENDANT	1									
359.878.1 TEACHER AIDE	10									090201 CARE AND GUIDANCE OF CHILDREN
TOTAL	11								11	
CLUSTER NO. 330										
781.884.0 CUTTER (HAND OR MACHINE)										
785.381.0 SEAMSTRESS OR TAILOR	1									
786.787.0 SEWING MACHINE OPERATOR	8[illegible]	17								090103 CLOTH AND TEXTILES 090202 CLOTHING MGMT., PROD. & SERVICE 090204 HOME FURNISHING SERVICES 173302 TAILORING
			4							
TOTAL	[illegible]	17	4						63	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 340										
160.188.0 ACCOUNTANT	2	1								
160.288.0 COST ESTIMATOR										
168.288.0 CLAIMS EXAMINER										
186.168.0 BANK CASHIER	3									
209.388.1 STATEMENT CLERK	2									
210.388.0 HAND BOOKKEEPER	38	7								
211.368.0 CASHIER	16	1								
212.368.0 BANKING TELLER	8	1								
215.388.0 BOOKKEEPING MA-CHINE OPERATOR	10	1								
215.488.0 PAYROLL CLERK	2									
217.388.0 TRANSIT CLERK	1									
219.488.0 ACCOUNTING CLERK	7	2								
249.368.0 CREDIT CLERK										
249.368.1 CLAIMS CLERK (INSURANCE)	2									
249.368.2 NEW ACCOUNT CLERK										140100 ACCOUNTING AND COMPUTING
TOTAL	91	13							78	
CLUSTER NO. 350										
162.158.1 PURCHASING AGENT	1									
162.288.0 TITLE CLERK										140800 SUPERVISORY & ADMIN. MGMT.
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 360										
209.388.0 CLERK-TYPIST	15	4								
219.388.0 SORTING CLERK	1									
219.388.3 GENERAL OFFICE CLERK	33	9								
219.388.4 TIME KEEPER										
237.368.0 ADMITTING CLERK										
249.388.0 LOAN CLOSER										140300 GENERAL OFFICE CLERICAL OCCUP. 140900 TYPING & RELATE OCCUPATIONS 149900 OTHER BUSINESS OFFICE OCCUP.
TOTAL	49	13							36	
CLUSTER NO. 370										
232.368.0 POST OFFICE CLERK	4									
233.388.0 MAIL CARRIER	3	1								140403 MAIL AND POSTAL CLERKS
TOTAL	7	1							6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 380										
235.862.0 TELEPHONE OPERATOR	6	2								
239.588.0 METER READER	1	1								140400 INFORM. COMMUNICATIONS OCCUP.
TOTAL	7	3							4	
CLUSTER NO. 390										
205.368.0 PERSONNEL CLERK	1	1								140600 PERSONNEL, TRAINING & RELATED
TOTAL	1	1							0	
CLUSTER NO. 400										
201.368.0 SECRETARY	18	7								
202.388.0 STENOGRAPHER	7	2								140700 SECRETARY OR STENOGRAPHER; 140703 MEDICAL SECRETARY
TOTAL	25	9							16	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 410										
213.382.0 CARD-TAPE CONVER-TER OPERATOR										
213.582.0 KEYPUNCH OPERATOR	1									
213.782.0 TABULATING MACHINE OPERATOR	1									
										140200 BUSINESS DATA PROCESSING
TOTAL	2								2	
CLUSTER NO. 420										
001.281.0 DRAFTSMAN, ARCHITECTURAL										
003.281.0 DRAFTSMAN, ELECTRICAL										
003.281.1 DRAFTSMAN, ELECTRONIC										
005.281.0 DRAFTSMAN, CIVIL	1									
007.181.1 DIE TOOL DESIGNER										
007.281.0 DRAFTSMAN, MECHANICAL										
010.281.0 DRAFTSMAN, GEOLOGICAL										
017.281.0 DRAFTSMAN, MAP										
										160103 ARCHITECTURAL TECHNOLOGY 160198 DRAFTING AND DESIGN 171300 DRAFTING
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY							DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
		DESC REGIS-TRANTS	PUBLIC			FEDERAL		PRIV-ATE SCHOOLS		
			SECONDARY	POST SECONDARY	ADULT	MDTA	OTHER FEDERAL			
CLUSTER NO. 430										
022.081.0 CHEMIST										
029.281.0 LABORATORY TESTER	1									160105 CHEMICAL TECHNOLOGY
										160114 METALS TECHNOLOGY
TOTAL	1								1	
CLUSTER NO. 440										
005.181.0 CIVIL ENGINEERING TECHNICIAN	2									
018.188.0 SURVEYOR		1								160106 CIVIL TECHNOLOGY
TOTAL	2	1							1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 450										
003.181.0 ELECTRONICS TECHNICIAN										
003.181.1 ELECTRICAL TECHNICIAN										160107 ELECTRICITY 160108 ELECTRONIC TECHNOLOGY 160109 ELECTROMECHANIC TECHNOLOGY
TOTAL									0	
CLUSTER NO. 460										
012.288.0 INDUSTRIAL TECHNICIAN										
019.281.0 QUALITY CONTROL TECHNICIAN	1									160111 INDUSTRIAL TECHNOLOGY
TOTAL	1								1	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 470										
710.281.0 INSTRUMENT MAN										160112 INSTRUMENTATION TECHNOLOGY
			2							172100 INSTRUMENT MAINT, & REPAIR
TOTAL			2						-2	
CLUSTER NO. 480										
007.181.0 MECHANICAL TECHNICIAN										
638.281.0 MAINTENANCE MECHANIC MILLWRIGHT										
710.281.1 ELECTROMECHANICAL TECHNICIAN										160109 ELECTROMECHANIC TECHNOLOGY
										160113 MECHANICAL TECHNOLOGY
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 490										
542.280.0 STILLMAN (PETROLEUM REFINING)										
549.280.0 PUMPMAN (PETROLEUM REFINING)										
TOTAL									0	160116 PETROLEUM TECHNOLOGY
CLUSTER NO. 500										
020.188.1 SCIENTIFIC PROGRAMMER										
TOTAL									0	160117 SCIENTIFIC DATA PROCESSING
CLUSTER NO. 510										
139.288.0 TECHNICAL PUBLICATIONS WRITER										
TOTAL									0	160197 TECHNICAL WRITING

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 520										
012.168.1 SYSTEM ANALYST										
020.188.0 BUSINESS PROGRAMMER										
213.382.1 DIGITAL COMPUTER OPERATOR	1									
219.388.2 PROGRAM CODER	2									
										160401 COMPUTER SCIENCE
TOTAL	3								3	
CLUSTER NO. 530										
168.168.0 BUILDING INSPECTOR										
373.884.0 FIREMAN	4									
										160602 FIRE AND FIRE SAFETY TECH. 172801 FIREMAN TRAINING
TOTAL	4								4	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: TESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 540										
375.268.0 POLICEMAN	5	1								160605 POLICE SCIENCE TECHNOLOGY
377.868.0 SHERIFF	2									172802 LAW ENFORCEMENT TRAINING
TOTAL	7	1							6	
CLUSTER NO. 550										
195.108.0 SOCIAL WORKER	2	1								172899 PUBLIC SERVICE OCCUPATIONS
195.228.0 RECREATION LEADER	1									
TOTAL	3	1							2	
CLUSTER NO. 560										
637.281.0 AIR COND. & REFRIG MECHANIC										170100 AIR CONDITION & HEATING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 570										
862.381.0 PLUMBER	6	1								
899.281.0 MAINTENANCE MAN, EQUIPMENT	14									
										170102 PLUMBING
										170107 PLUMBING AND PIPEFITTING
TOTAL	20	1							19	
CLUSTER NO. 580										
723.884.0 APPLIANCE REPAIRMAN	1									
										170200 APPLIANCE REPAIR
TOTAL	1								1	
CLUSTER NO. 590										
807.381.0 AUTO BODY REPAIRMAN	6	1								
845.781.0 AUTO PAINTER	2									
			1	1						170301 BODY AND FENDER
TOTAL	8	1	1	1					5	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 600										
620.281.0 AUTO MECHANIC	28	5								
620.281.1 AUTO - AIR CONDITIONING	2									
			9	2						170302 AUTO MECHANICS
TOTAL	30	5	9	2					14	
CLUSTER NO. 610										
185.168.0 AUTO PARTS MANAGER	1									
223.387.0 AUTO PARTS CLERK		1								
			5	1						040300 AUTOMOTIVE 170399 AUTOMOTIVE SERVICES
TOTAL	1	1	5	1					-6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: SOUTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGISTRANTS	SUPPLY: PUBLIC: SECONDARY	SUPPLY: PUBLIC: POST SECONDARY	SUPPLY: PUBLIC: ADULT	SUPPLY: FEDERAL: MDTA	SUPPLY: FEDERAL: OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 620										
621.281.0 AIRCRAFT AND ENGINE MECHANIC										
621.281.1 JET ENGINE MECHANIC										
621.781.0 AIRCRAFT ACCESSORIES MECHANIC										160101 AERONAUTICAL TECHNOLOGY 170401 AIRCRAFT MAINTENANCE
TOTAL									0	
CLUSTER NO. 630										
141.081.0 ILLUSTRATOR--COMMERCIAL ARTIST										
141.081.1 LAYOUT MAN (PRINT. & PUBLISHING)	2									170700 COMMERCIAL ART
TOTAL	2								2	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 640										
143.062.0 PHOTOGRAPHER OR CAMERAMAN										170900 COMMERCIAL PHOTOGRAPHY
TOTAL									0	
CLUSTER NO. 650										
741.884.0 SPRAY PAINTER	1									
841.781.0 PAINTER OR PAPERHANGER	6									
860.381.0 CARPENTER	13	4								
899.381.0 MAINTENANCE MAN, BUILDING	6	1								
			2							171001 CARPENTRY
TOTAL	26	5	2						19	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	ESC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 660										
721.281.0 ELECTRIC MOTOR REPAIRMAN										
726.781.0 ELECTRONICS ASSEMBLER										
821.381.0 LINEMAN	4									
822.381.0 TELEPHONE INSTALLER	2	1								
824.281.0 ELECTRICIAN	7	1								
828.281.0 ELECTRONICS MECHANIC										
829.381.0 CABLE SPLICER	1									171002 ELECTRICITY 171402 ELECTRICAL LINEMAN 171502 ELECTRONICS
TOTAL	14	2							12	
CLUSTER NO. 670										
382.884.0 JANITOR	8	2								171100 CUSTODIAL SERVICES
TOTAL	8	2							6	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION III: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS-TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 680										
625.281.0 DIESEL MECHANIC	5	1								
			1							171200 DIESEL MECHANICS
TOTAL	5	1	1						3	
CLUSTER NO. 690										
720.281.0 RADIO AND TV REPAIRMAN	1	1								
823.281.0 RADIO MECHANIC	1									
			2	1						171503 RADIO/TV
TOTAL	2	1	2	1					-2	
CLUSTER NO. 700										
650.582.0 LINOTYPE OPERATOR	2									
651.782.0 CYLINDER-PRESS MAN	2									
651.782.1 OFFSET-PRESS MAN	4									
			1	2						171901 COMPOSITION, MAKEUP & TYPE-SET 171902 PRINTING
TOTAL	8		1	2					5	

NET ADJUSTED [illegible] MANPOWER REQUIREMENTS
1973

REGION III: [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC REGIS-TRANTS	SUPPLY: [illegible] SECONDARY	SUPPLY: POST SECONDARY	SUPPLY: ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 710										
518.381.0 COREMAKER										
										172301 FOUNDRY
TOTAL									0	
CLUSTER NO. 720										
600.280.0 MACHINIST, ALL ROUND	[illegible]									
600.381.0 LAYOUT MAN (MACHINE SHOP)										
603.280.0 PRECISION GRINDER										
609.885.0 PRODUCTION MACHINE TOOL OPERATOR	4									
705.884.0 BENCH GRINDER										
				1						172302 MACHINE SHOP 172303 MACHINE TOOL OPERATION
TOTAL	6			1					5	
CLUSTER NO. 730										
50[illegible].380.0 PLATER (ELECTRO PLATING)										
										172399 METALWORKING
TOTAL									0	

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

REGION 11: NORTHWEST

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: MESC REGISTRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 740										
806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER										
807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER										
TOTAL									0	172304 METAL TRADES, COMBINED
CLUSTER NO. 750										
601.280.0 TOOL AND DIE MAKERS										
601.280.1 TOOL MACHINE SET-UP OPERATOR										
TOTAL									0	172307 TOOL AND DIE MAKING
CLUSTER NO. 760										
615.782.0 SHEAR PRESS OPERATOR										
617.380.0 BRAKE OPERATOR										
619.382.0 METAL FABRICATOR										
804.281.0 SHEET METAL WORKER	3									
TOTAL	3								3	172305 SHEET METAL

[illegible] MANPOWER REQUIREMENTS

[illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: APPRENTICESHIP REGISTRANTS	SUPPLY: SECONDARY	SUPPLY: POST SECONDARY	SUPPLY: ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 77[illegible]										
504.782.[illegible] HEAT TREATER										172400 METALLURGY
TOTAL									0	
CLUSTER NO. 78[illegible]										
801.781.[illegible] STRUCTURAL STEEL WORKER										
809.381.[illegible] LAYOUT MAN (STRUCTURAL)										171099 CONSTRUCTION & MAINT. TRADE
TOTAL									0	

[illegible] POWER REQUIREMENTS

[illegible]

REGION III: [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: ESC RECRUITS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST-SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER [illegible]. 700										
810.782.0 [illegible] MACHINE OPERATOR										
810.384. WELDER, ARC	[illegible]	1								
810.884.1 WELDER, GAS										
812.884.0 WELDER, COMBINATION	1[illegible]	1								
816.782.0 FLAME CUTTER MACHINE OPERATOR										
816.884.1 FLAME CUTTER, [illegible]										
			13							010300 AGRICULTURAL MECHANICS
			1							172306 WELDING & CUTTING
TOTAL	13	2	14						-3	
CLUSTER [illegible]. 700										
526.781.0 BAKER	[illegible]									
										172901 BAKER
TOTAL	[illegible]								2	
CLUSTER [illegible]. 710										
313.131.0 CHEF										
313.381.0 COOK	2[illegible]	[illegible]								
			[illegible]							172902 COOK/CHEF
TOTAL	2[illegible]	[illegible]	[illegible]	[illegible]					12	

[illegible] 1971

REGION [illegible]

CLUSTERS OF OCCUPATIONS	[illegible]	BSC REGIS-TRANTS	PUBLIC: SECONDARY	PUBLIC: POST SECONDARY	PUBLIC: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. [illegible]										
361.365.0 LAUNDRY PE-S[illegible]	[illegible]									171[illegible]00 LAUNDERING & DRY CLEANING
TOTAL	[illegible]								8	
CLUSTER NO. [illegible]25										
625.281.1 SMALL ENGINE REPAIRMAN										173100 SMALL GASOLINE ENGINE REPAIR
TOTAL									0	
CLUSTER NO. [illegible]3[illegible]										
950.782.0 STATIONARY ENGINEER	[illegible]									
952.782.0 [illegible] PLANT OPERATOR	[illegible]									173200 STATIONARY ENERGY SOURCES OCC
TOTAL									2	

[illegible] REQUIREMENTS
197[illegible]

[illegible]

CLUSTERS / OCCUPATIONS	[illegible]	TESC RECIPIENTS	STATE: SECONDARY	STATE: POST SECONDARY	STATE: ADULT	FEDERAL: MDTA	FEDERAL: OTHER FEDERAL	PRIVATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 84[illegible]										
31[illegible] MEAT CUTTER	[illegible]									
525.381.0 BUTCHER, [illegible]	[illegible]									
525.684.0 [illegible] OR SKINNER	[illegible]									
TOTAL	1[illegible]								13	172903 BUTCHER (MEAT CUTTER)
CLUSTER NO. 850										
780.381.0 FURNITURE UPHOLSTERER										
TOTAL									0	173500 UPHOLSTERY
CLUSTER NO. 84[illegible]										
660.[illegible] CABINET MAKER	[illegible]									
66[illegible] [illegible]										
763.[illegible] FURNITURE FINISHER										
TOTAL	1								1	173601 CABINET MAKING

[illegible] MANPOWER REQUIREMENTS

REGION III: [illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	APPR. REGIS-TRANTS	PUBLIC SECONDARY	PUBLIC POST SECONDARY	PUBLIC ADULT	FEDERAL MDTA	FEDERAL OTHER FEDERAL	PRIV-ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 870										
844.884.0 CEMENT MASON	2									
861.381.0 BRICK LAYER	9	1								171004 MASONRY
TOTAL	11	1							10	
CLUSTER NO. 840										
515.782.0 GRINDING MILL OPERATOR (MINING)										
859.883.0 HEAVY EQUIPMENT OPERATOR	6	2								171003 HEAVY EQUIPMENT
TOTAL	6	2							4	
CLUSTER NO. 820										
750.281.0 TIRE TECHNICIAN										
750.384.0 GREEN TIRE INSPECTOR										
750.387.0 TIRE CLASSIFIER										
750.884.0 TIRE BUILDER	*									179800 TIRE MANUFACTURING
TOTAL									0	

* See Statewide Totals

NET ADDITIONAL MANPOWER REQUIREMENTS
1973

[illegible]

CLUSTERS OF OCCUPATIONS	DEMAND	SUPPLY: DESC REGIS- TRANTS	SUPPLY: PUBLIC SECONDARY	SUPPLY: PUBLIC POST SECONDARY	SUPPLY: PUBLIC ADULT	SUPPLY: FEDERAL MDTA	SUPPLY: FEDERAL OTHER FEDERAL	SUPPLY: PRIV- ATE SCHOOLS	DEMAND MINUS SUPPLY	CLUSTERS OF PROGRAMS
CLUSTER NO. 900										
572.782.0 BATCH AND FURNACE MAN (GLASS MFG)										
575.782.0 BOTTLE MACHINE OPERATOR (GLASS)										
706.884.0 ASSEMBLER, METAL PRODUCTS	2									179900 TRADE AND INDUSTRIAL OCC.
TOTAL	2								2	

CHAPTER III

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

In this chapter a descending rank order of program clusters by statewide net manpower demand is presented. The program cluster with the greatest net manpower demand is ranked one (1) and is followed in order by the program clusters with lesser demand.

It must be remembered that the net manpower demand figures are only projections not absolute values. Comparison of the ranks of specific clusters must be accompanied by an examination of the difference in net manpower demand between the clusters.

The rank ordering is provided as a simple analysis of the tables. It may be used to quickly identify program clusters by vocational and technical divisions in which training is needed on a statewide and/or regional basis.

A DESCRIPTIVE PROFILE OF PROGRAM CLUSTERS

RANKED BY STATE-WIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	M. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
1	CLUSTER: 340 OCCUPATIONS: 160.188.0 ACCOUNTANT 160.288.0 COST ESTIMATOR 168.288.0 CLAIMS EXAMINER 186.168.0 BANK CASHIER 209.388.1 STATEMENT CLERK 210.388.0 HAND BOOKKEEPER 211.368.0 CASHIER 212.368.0 BANKING TELLER 215.388.0 BOOKKEEPING MACHINE OPERATOR 215.488.0 PAYROLL CLERK 217.388.[illegible] TRANSIT CLERK 219.488.0 ACCOUNTING CLERK 249.368.0 CREDIT CLERK 249.358.1 CLAIMS CLERK (INSURANCE) 249.368.2 NEW ACCOUNT CLERK PROGRAMS: 0140100 ACCOUNTING AND COMPUTING	2,684	87	[illegible]	89	128	179	570	138	1,107	150	77	78

A DESCRIPTION [illegible] OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	[illegible] #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
12	CLUSTER: [illegible]												
	OCCUPATIONS:												
	260.289.0 SALES OCCUPATIONS (GOODS)												
	2??.478.? SALES CLERK												
	292.358.0 SALESMAN-DRIVER (ROUTE MAN)												
	915.867.0 SERVICE STATION ATTENDANT												
	PROGRAMS:												
	0010200 AGRICULTURAL SUPPLIES/SERVICE												
	0010400 AGRICULTURAL PRODUCTS												
	0040200 APPAREL AND ACCESSORIES												
	0040300 AUTOMOTIVE												
	0040600 FOOD DISTRIBUTION												
	0040800 GENERAL MERCHANDISE												
	0040?00 HDW., BLDG. MAT. FARM SUPPLIES & EQP.												
	0041000 HOME FURNISHINGS												
	0041200 INDUSTRIAL MARKETING												
	0041400 INTERNATIONAL TRADE												
	0041600 PETROLEUM												
	0041?00 RECREATION AND TOURISM												
	0042?00 RETAIL TRADE												
	0043100 WHOLESALE TRADE	[illegible]	84	[illegible]	1?3	119	70	586	280	646	363	101	97

A DESCRIPTION [illegible] OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	[illegible] #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
3	CLUSTER: 160 OCCUPATIONS: 184.168.0 TRAFFIC MANAGER 902.883.0 DUMP TRUCK DRIVER 904.883.0 TRACTOR TRAILER TRUCK DRIVER 905.883.0 TRUCK DRIVER (HEAVY) 906.883.0 TRUCK DRIVER (LIGHT) 913.463.0 BUS DRIVER 922.883.0 FORKLIFT OPERATOR 929.887.0 MATERIAL HANDLER PROGRAMS: 0041900 TRANSPORTATION 0179901 TRUCK DRIVER	1,294	89	[illegible]	76	45	116	186	78	398	124	66	75
4	CLUSTER: 330 OCCUPATIONS: 781.884.0 CUTTER (HAND OR MACHINE) 785.381.0 SEAMSTRESS OR TAILOR 786.782.0 SEWING MACHINE OPERATOR PROGRAMS: 0090103 CLOTH AND TEXTILES 0090202 CLOTHING MGMT., PROD. & SERVICES 0090204 HOME FURNISHINGS SERVICES 0173302 TAILORING	[illegible]	105		53	68	256	62	37	194	133	103	68

A DESCRIPTION [illegible] OF PROGRAM CLUSTERS

RANKED BY STATE-WIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	[illegible] #2	S. [illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
5	CLUSTER: 160 OCCUPATIONS: 310.868.0 HOSTESS 311.878.0 WAITRESS OR WAITER 318.887.0 DISHWASHER 319.138.0 FOOD SERVICE SUPERVISOR PROGRAMS: 0040700 FOOD SERVICES 0090203 FOOD MANAGEMENT PROD. & SERVICE 0172900 OTHER FOOD OCCUPATIONS 0172904 WAITER OR WAITRESS	967	52	111	37	72	57	191	20	204	60	49	44
6	CLUSTER: 360 OCCUPATIONS: 209.388.0 CLERK-TYPIST 219.388.0 SORTING CLERK 219.388.2 GENERAL OFFICE CLERK 219.388.4 TIME KEEPER 237.368.0 ADMITTING CLERK 249.388.0 LOAN CLOSER PROGRAMS: 0140300 GENERAL OFFICE CLERICAL OCCUP. 0140900 TYPING & RELATED OCCUPATIONS 0149900 OTHER BUSINESS OFFICE OCCUP.	953		20	43	38	37	240	30	533	-115	6	36

[illegible] DESCRIPTION OF [illegible] PROGRAM CLUSTERS

RANKED BY STATE [illegible] NET [illegible] DEMAND

RANK	PROGRAM CLUSTERS	STATE-[illegible]	N. E. #1	N. C. #2	[illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	W. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
7	CLUSTER: [illegible] OCCUPATIONS: 313.131.0 CHEF 313.381.0 COOK PROGRAMS: 0172002 COOK/CHEF	[illegible]	13	[illegible]	[illegible]	40	23	160	49	353	61	46	12
8	CLUSTER: [illegible] OCCUPATIONS: 201.368.0 SECRETARY 202.388.0 STENOGRAPHER PROGRAMS: 014 700 SECRETARY & STENOGRAPHE- 0140703 MEDICAL SEC-RETARY	775	-42	[illegible]	-2	20	95	48	43	571	-29	24	16

A DESCRIPTION OF [illegible] PROGRAM CLUSTERS

RANKED BY STATE [illegible] JOB MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. C. #2	[illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
9	CLUSTER: 6[illegible] OCCUPATIONS: 741.[illegible] SPRAY PAINTER 841.781.0 PAINTER [illegible] PAPERHANGER 860.381.0 CARPENTER 899.381.0 MAINTENANCE [illegible], BUILDING PROGRAMS: 0171[illegible] CARPENTRY	[illegible]	16	-25	-28	-14	15	200	63	276	55	40	19
10	CLUSTER: 6[illegible] OCCUPATIONS: 721.281.0 ELECTRIC MOTOR REPAIRMAN 726.781.0 ELECTRONICS ASSEMBLER 821.381.0 LINEMAN 822.381.0 TELEPHONE INSTALLER 824.281.0 ELECTRICIAN 828.281.0 ELECTRONICS MECHANIC 829.381.0 CABLE SPLICER PROGRAMS: 0171002 ELECTRICITY 0171402 ELECTRICAL LINEMAN 0171502 ELECTRONICS	482	75	26	24	47	29	-16	39	233	-12	18	12

A DESCRIPTIVE LISTING OF PROGRAM CLUSTERS

RANKED BY STATE TOTAL NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-TOTAL	N. E. #1	N. C. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	W. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
11	CLUSTER: 52[illegible] OCCUPATIONS: 012.168.1 SYSTEMS ANALYST 020.188.0 BUSINESS PROGRAMMER 213.382.1 DIGITAL COMPUTER OPERATOR 219.388.2 PROGRAM CODER PROGRAMS: 0162301 COMPUTER SCIENCE	444	-37	6	-8	2	10	303	5	161	-2	1	3
12	CLUSTER: 190 OCCUPATIONS: 075.378.0 REGISTERED NURSE (ACC,DIPL,ASSOC PROGRAMS: 0070301 NURSING (ASSOCIATE DEGREE)	405	38	17	34	44	14	80	60	57	5	30	26
13	CLUSTER: 370 OCCUPATIONS: 232.368.0 POST OFFICE CLERK 233.388.0 MAIL CARRIER PROGRAMS: 0140403 MAIL AND POSTAL CLERKS	407	11	22	10	3	20	117	2	170	29	17	6

[illegible] DESCRIPTIVE [illegible] OF PROGRAM CLUSTERS

RANKED BY STATE [illegible] NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	[illegible] E. #1	[illegible] #2	S. [illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
14	CLUSTER: 10 OCCUPATIONS: 180.118.0 FIELDMAN 400.000.[illegible] FARM MANAGER 404.[illegible].[illegible] PRUNER--PICKER 413.131.0 FEEDLOT WORKER 421.883.0 FARM HAND, GENERAL 466.887.0 LIVESTOCK CARETAKER PROGRAMS: 0010100 AGRICULTURAL PRODUCTION 0150201 RANCH OPERATION	402	50	53	70	11	-24	27	100	49	-1	23	44
15	CLUSTER: 570 OCCUPATIONS: 862.381.0 PLUMBER 899.281.0 MAINTENANCE MAN, EQUIPMENT PROGRAMS: 0170102 PLUMBING 0170107 PLUMBING AND PIPEFITTING	373	30	19	-21	51	30	65	31	76	52	21	19

[illegible] ESSENTIAL [illegible] OF PROGRAM CLUSTERS

RANKED BY STATE [illegible] MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-[illegible]	N. E. #1	N. C. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
16	CLUSTER: [illegible] OCCUPATIONS: 142.081.0 FLORAL DESIGN 406.168.0 GREENHOUSE MA. 407.884.0 GROUNDSKEEPER PROGRAMS: 0010500 ORNAMENTAL HORTICULTURE 0240500 FLORISTRY	365	12	40	8	50	12	65	38	101	27	5	7
17	CLUSTER: 7[illegible]0 OCCUPATIONS: 615.782.0 SHEAR PRESS-OPERATOR 617.380.0 BRAKE OPERATOR 619.380.0 METAL FABRICATOR 804.281.0 SHEET METAL WORKER PROGRAMS: 0172305 SHEET METAL	344	4	29		14	4	95	25	134	35	3	3
18	CLUSTER: 3[illegible]0 OCCUPATIONS: 235.862.0 TELEPHONE OPERATOR 239.538.0 METER READER PROGRAMS: 014[illegible] [illegible] COMMUNICATIONS [illegible]	321	10	23	10	28	12	43	23	111	26	11	4

[illegible] OF PROGRAM CLUSTERS

RANKED BY STATE [illegible] NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	[illegible] #2	S. [illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
19	CLUSTER: [illegible]												
	OCCUPATIONS:												
	572.782.[illegible] [illegible] AND FURNACE [illegible] (GLASS MFG.)												
	575.782.[illegible] BOTTLE MACHINE OPERATOR (GLASS)												
	706.884.[illegible] ASSEMBLER, METAL PRODUCTS												
	PROGRAMS:												
	0179900 TRADE AND INDUSTRIAL OCC.	303	16	27	8	4	4	127	9	90	13	6	2
20	CLUSTER: 670												
	OCCUPATIONS:												
	382.884.[illegible] JANITOR												
	PROGRAMS:												
	0171100 CUSTODIAL SERVICES	302	16	15	1	14	25	92	26	63	33	11	6

[illegible] ESCE [illegible] OF PROGRAM CLUSTERS

RANKED [illegible] Y STATE [illegible] NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-[illegible]	N. E. #1	[illegible] #2	S. [illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.[illegible].C. #9	S. W. #10	N. W. #11
21	CLUSTER: [illegible] OCCUPATIONS: 600.280.0 MACHINIST, ALL [illegible] 600.381.0 LAYOUT MAN (MACHINE SHOP) 603.280.0 PRECISION GRINDER 609.885.0 PRODUCTION MACHINE TOOL OPERATOR 705.184.0 BENCH GRINDER PROGRAMS: 0172302 MACHINE SHOP 0172303 MACHINE TOOL OPERATION	298	6	-1	4	11	5	161	6	92	10	-1	5
22	CLUSTER: 150 OCCUPATIONS: 321.138.0 HOUSEKEEPER PROGRAMS: 0090205 INSTITUTIONAL & HOME MGMT, SERV	28[illegible]	5	19	14	26	16	71	15	70	17	16	15
23	CLUSTER: [illegible] OCCUPATIONS: [illegible] [illegible] LAYER PROGRAMS: [illegible]	[illegible]	16	[illegible]	13	11	17	29	19	53	40	19	10

A DESCENDING ORDER OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
24	CLUSTER: 77												
	OCCUPATIONS:												
	166.168.0 SPECIAL AGENT 169.188.0 UNDERWRITER 241.168.0 CLAIM ADJUSTER 250.258.0 INSURANCE SALESMAN												
	PROGRAMS:												
	0041300 INSURANCE	222	3	6	1	11	6	48	10	122	16	5	1
25	CLUSTER: 120												
	OCCUPATIONS:												
	252.358.0 SERVICE SALESMAN												
	PROGRAMS:												
	0040100 ADVERTISING SERVICES 0040400 FINANCE AND CREDIT 0041500 PERSONAL SERVICES 0041900 TRANSPORTATION	217	18	23	7	18	6	58	23	60	2	-1	3
26	CLUSTER: 2[illegible]												
	OCCUPATIONS:												
	079.378.0 LICENSED PRACTICAL NURSE (L.P.N.)												
	PROGRAMS:												
	0070302 PRACTICAL (VOC) NURSING	215	-55	29	37	28	31	63	58	-96	79	30	11

A DESCENDING [illegible] OF PROGRAM CLUSTERS

RANKED BY STATE [illegible] NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-IDE	N. E. #1	[illegible] #2	S. [illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
27	CLUSTER: 5[illegible]0 OCCUPATIONS: 375.268.0 POLICEMAN 377.868.0 SHERIFF PROGRAMS: 0160605 POLICE SCIENCE TECHNOLOGY 0172302 LAW ENFORCEMENT TRAINING	208	3	13	2	22	8	48	13	64	21	8	6
28	CLUSTER: 4[illegible]0 OCCUPATIONS: 012.288.0 INDUSTRIAL TECHNICIAN 019.281.0 QUALITY CONTROL TECHNICIAN PROGRAMS: [illegible]111 INDUSTRIAL TECHNOLOGY	183	-1	2	1	9	7	43	10	104	4	3	1
29	CLUSTER: 210 OCCUPATIONS: 355.878.0 NURSE AIDE PROGRAMS: 0070303 NURSE ASSISTANCE (AIDE) 0070399 NURSING OTHER 0079900 HEALTH SERVICES	163	-3	42	-119	102	43	1	90	-51	-12	27	43

A DESCENDING LISTING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	M. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
29	CLUSTER: 5[illegible] OCCUPATIONS: 195.108.0 SOCIAL WORKER 195.228.0 RECREATION LEADER PROGRAMS: 0172800 PUBLIC SERVICE OCCUPATIONS	163	-1	7	46	25	19	-1	5	32	18	11	2
31	CLUSTER: 8[illegible] OCCUPATIONS: 750.281.0 TIRE TECHNICIAN 750.384.0 GREENTIRE INSPECTOR 750.387.0 TIRE CLASSIFIER 750.484.0 TIRE BUILDER PROGRAMS: 0179800 TIRE MANUFACTURING	150	*	*	*	*	*	*	*	*	*	*	*
32	CLUSTER: 8[illegible] OCCUPATIONS: 316.884.0 MEAT CUTTER 525.381.0 BUTCHER, ALL ROUND 525.884.0 [illegible] SKINNER PROGRAMS: 0172[illegible] BUTCHER (MEAT CUTTER)	158	1	12	4	15	4	34	6	55	13	1	13

*Only Statewide Totals Given to Retain Anonymity of Firms

[illegible] OF PROGRAM CLUSTERS

RANKED BY STATE-WIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	[illegible] #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
33	CLUSTER: 6[illegible] OCCUPATIONS: 625.281.0 DIESEL MECHANIC PROGRAMS: 0171200 DIESEL MECHANICS	153		12	11	9	31	38	6	57	-24	10	3
34	CLUSTER: 320 OCCUPATIONS: 359.878.0 NURSERY SCHOOL ATTENDANT 359.878.1 TEACHER AIDE PROGRAMS: 0090201 CARE AND GUIDANCE OF CHILDREN	150	8	15	-20	7	3	92	1	12	20	1	11
35	CLUSTER: 790 OCCUPATIONS: 801.781.0 STRUCTURAL STEEL WORKER 809.381.0 LAYOUT MAN (STRUCTURAL) PROGRAMS: 0171000 CONSTRUCTION & MAINT. TRADE	147	-1	5	-2	9	9	55	4	56	9	3	

A DESCENDING RANKING OF PROGRAM CLUSTERS

RANKED BY STATE LINE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-LINE	N. E. #1	N. C. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	W. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
36	CLUSTER: 835												
	OCCUPATIONS:												
	625.281.1 SMALL ENGINE REPAIRMAN												
	PROGRAMS:												
	0173100 SMALL GASOLINE ENGINE REPAIR	146	6	-8	10	-3	-12	45	10	81	16	1	
37	CLUSTER: 300												
	OCCUPATIONS:												
	205.368.0 PERSONNEL CLERK												
	PROGRAMS:												
	0140600 PERSONNEL, TRAINING & RELATED	138	3	3	2	1		38	2	68	20	1	
37	CLUSTER: 870												
	OCCUPATIONS:												
	515.782.0 GRINDING MILL OPERATOR (MINING)												
	859.883.0 HEAVY EQUIPMENT OPERATOR												
	PROGRAMS:												
	0171003 HEAVY EQUIPMENT	138	3	-11	-1	31	4	16	28	52	16	6	4

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. C. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
39	CLUSTER: 730 OCCUPATIONS: 806.781.0 AIRCRAFT-STRUCTURE ASSEMBLER 807.884.0 AIRCRAFT SUB-ASSEMBLY ASSEMBLER PROGRAMS: 0172304 METAL TRADES, COMBINED	127						42		85			
40	CLUSTER: 530 OCCUPATIONS: 168.168.0 BUILDING INSPECTOR 373.884.0 FIREMAN PROGRAMS: 0160602 FIRE AND FIRE SAFETY TECH. 0172801 FIREMAN TRAINING	126	4	5	1	17	3	23	13	28	22	6	4
41	CLUSTER: 350 OCCUPATIONS: 162.158.1 PURCHASING AGENT 162.268.0 TITLE CLERK PROGRAMS: 0140900 SUPERVISORY & ADMIN. MGMT.	115	-2	4	5	4		35	21	30	6	1	1

DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATE TOTAL NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	[illegible]. E. #1	[illegible] #2	S. [illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
42	CLUSTER: 100 OCCUPATIONS: 189.168.0 MANAGEMENT TRAINEE PROGRAMS: 0049901 MID MANAGEMENT	114	12	24	4	20	15	15	16	5	1	1	1
43	CLUSTER: 30 OCCUPATIONS: 219.887.0 YARDMAN PROGRAMS: 0110400 AGRICULTURAL PRODUCTS	113		3	61	4	2	10	8	4	3	13	5
44	CLUSTER: 860 OCCUPATIONS: 660.280.0 CABINET MAKER 669.380.0 MILL MAN 763.381.0 FURNITURE FINISHER PROGRAMS: 1173601 CABINET MAKING	109	6	-2	-3	-1	8	14	-5	48	9	32	1

DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	[illegible] #2	[illegible] #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
45	CLUSTER: [illegible] OCCUPATIONS: 005.181.0 CIVIL ENGINEERING TECHNICIAN 018.188.0 SURVEYOR PROGRAMS: 0160106 CIVIL TECHNOLOGY	109	2	3	7	20	2	6	31	29	4	3	1
46	CLUSTER: 170 OCCUPATIONS: 355.878.1 PSYCHIATRIC AIDE PROGRAMS: 0070304 PSYCHIATRIC AID	94	17					5	3	51			18
46	CLUSTER: 230 OCCUPATIONS: 079.128.0 OCCUPATIONAL THERAPIST 079.128.1 RECREATIONAL THERAPIST 079.368.1 OCCUPATIONAL THERAPIST AIDE 355.878.2 PHYSICAL THERAPIST AIDE PROGRAMS: 0070400 REHABILITATION 0070310 ORTHOPEDIC ASSISTING	94	5	3	3	4	5	22	12	28	5	3	4

A DESCENDING RANKING OF PROGRAM CLUSTERS

RANKED BY STATE-WIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. C. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	W. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
48	CLUSTER: 4[illegible]												
	OCCUPATIONS:												
	001.281.0 DRAFTSMAN, ARCHITECTURAL												
	003.281.0 DRAFTSMAN, ELECTRICAL												
	003.281.1 DRAFTSMAN, ELECTRONIC												
	005.281.0 DRAFTSMAN, CIVIL												
	007.181.1 DIE TOOL DESIGNER												
	007.281.0 DRAFTSMAN, MECHANICAL												
	010.281.0 DRAFTSMAN, GEOLOGICAL												
	017.281.0 DRAFTSMAN, MAP												
	PROGRAMS:												
	0160103 ARCHITECTURAL TECHNOLOGY												
	0160198 DRAFTING AND DESIGN												
	0171300 DRAFTING	93	-20	14	-18	-1	-6	70	-12	85	-22	2	1
49	CLUSTER: 130												
	OCCUPATIONS:												
	132.088.0 COPYWRITER												
	132.288.0 COPY READER												
	165.068.0 PUBLIC RELATIONS												
	PROGRAMS:												
	0040100 ADVERTISING SERVICES	9[illegible]	1	2	11	4	2	22	2	35	9	1	1

A DESCENDING LISTING OF PROGRAM CLUSTERS

RANKED BY STATE-WIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
50	CLUSTER: 700 OCCUPATIONS: 650.582.0 LINOTYPE OPERATOR 651.782.0 CYLINDER-PRESS MAN 651.782.1 OFFSET-PRESS MAN PROGRAMS: 0171901 COMPOSITION, MAKEUP & TYPESET 0171902 PRINTING	85	9	7	4	17	6	2	1	25	3	6	5
51	CLUSTER: 830 OCCUPATIONS: 950.782.0 STATIONARY ENGINEER 952.782.0 POWER PLANT OPERATOR PROGRAMS: 0173200 STATIONARY ENERGY SOURCES OCC	84	5	8	2	5	5	13	7	15	15	7	2
52	CLUSTER: 760 OCCUPATIONS: 601.280.0 TOOL AND DIE MAKERS 601.280.1 TOOL MACHINE SET-UP OPERATOR PROGRAMS: 0172307 TOOL AND DIE MAKING	7[illegible]	2	3	1	11	11	23		17	10		

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATE [illegible] NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	[illegible] #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
53	CLUSTER: 3[illegible]0 OCCUPATIONS: 219.388.1 [illegible] CLERK PROGRAMS: 0079902 CARD CLERK	7[illegible]	3	-2	9	11	4	5	9	15	8	5	3
54	CLUSTER: 20 OCCUPATIONS: 162.158.0 BUYER (WHOLESALE/ RETAIL) 520.885.0 FEED/FERTILIZER MIXER PROGRAMS: 0010200 AGRICULTURAL SUPPLIES/SERV- ICE	68	4	6	-7	4	5		10	18	25	2	1
55	CLUSTER: 820 OCCUPATIONS: 361.885.0 LAUNDRY PERSONNEL PROGRAMS: 0171600 LAUNDERING & DRY CLEANING	67	2	1	2	7	13	14	6	3	6	5	8

DESCENDING ORDER OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	M. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
56	CLUSTER: 450 OCCUPATIONS: 003.181.0 ELECTRONICS TECHNICIAN 003.181.1 ELECTRICAL TECHNICIAN PROGRAMS: 0160107 ELECTRICITY 0160108 ELECTRONIC TECHNOLOGY 0160109 ELECTROMECHANIC TECHNOLOGY	64	-3	-1	-18	2	5	121	-12	-19	-4	-7	
57	CLUSTER: 220 OCCUPATIONS: 079.378.2 SURGICAL TECHNICIAN PROGRAMS: 0070305 SURGICAL TECHNICIAN	56	2	5	-2	6	3	2	7	21	3	5	4
58	CLUSTER: 270 OCCUPATIONS: 079.368.0 INHALATION THERAPY TECHNICIAN PROGRAMS: 0070903 INHALATION THERAPY	41	2	5	4	6	-1	9	4	4	2	4	2

DESCENDING ORDER OF PROGRAM CLUSTERS

RANKED BY STATE-WIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. [illegible] #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
59	CLUSTER: 61[illegible] OCCUPATIONS: 185.168.0 AUTO PARTS MANAGER 223.387.0 AUTO PARTS CLERK PROGRAMS: 0040300 AUTOMOTIVE 0170399 AUTOMOTIVE SERVICES	39	1		-5	-4	-7	-11	2	44	30	-5	-6
60	CLUSTER: 4[illegible]0 OCCUPATIONS: 007.181.0 MECHANICAL TECHNICIAN 638.281.0 MAINTENANCE MECHANIC MILLWRIGHT 710.281.1 ELECTROMECHANICAL TECHNICIAN PROGRAMS: 0160109 ELECTROMECHANIC TECHNOLOGY 0160113 MECHANICAL TECHNOLOGY	34	-1	13	-36	14	3	18	-1	21	3		
61	CLUSTER: 2[illegible] OCCUPATIONS: 078.368.1 E.K.G. TECHNICIAN PROGRAMS: 0070202 E.K.G. TECHNICIAN	32		11		4	1	3	1	9	1	2	

DESCRIPTION COMPONENTS OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
61	CLUSTER: 490 OCCUPATIONS: 542.280.0 STILLMAN (PETROLEUM REFINING) 549.280.0 PUMPMAN (PETROLEUM REFINING) PROGRAMS: 0160116 PETROLEUM TECHNOLOGY	32	2	1		5	6	4	11		1		
63	CLUSTER: 430 OCCUPATIONS: 022.081.0 CHEMIST 029.281.0 LABORATORY TESTER PROGRAMS: 0160105 CHEMICAL TECHNOLOGY 0160114 METALS TECHNOLOGY	26	9	5	-2	15	10	24	24	-66	6		1
64	CLUSTER: 510 OCCUPATIONS: 139.288.0 TECHNICAL PUBLICATIONS WRITER PROGRAMS: 0160197 TECHNICAL WRITING	23			-5		1	9		18			

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATE IDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-IDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
65	CLUSTER: 80 OCCUPATIONS: 191,287.0 REAL ESTATE APPRAISER PROGRAMS: 0041700 REAL ESTATE	22		1		1		4	1	13	2		
66	CLUSTER: 580 OCCUPATIONS: 723,884.0 APPLIANCE REPAIRMAN PROGRAMS: 0170200 APPLIANCE REPAIR	13	-2		3			-4	3	17	1		1
67	CLUSTER: 110 OCCUPATIONS: 242,368.0 HOTEL CLERK PROGRAMS: 0041100 HOTEL AND LODGING	13	-2	2	1			8	3		2	1	3

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
68	CLUSTER: 280												
	OCCUPATIONS:												
	223.887.0 CENTRAL SUPPLY WORKER												
	PROGRAMS:												
	0070905 CENTRAL SUPPLY TECHNICIAN	16	1	1		1		2	4	7			
68	CLUSTER: 730												
	OCCUPATIONS:												
	501.380.0 PLATER (ELECTRO PLATING)												
	PROGRAMS:												
	0172390 METALWORKING	16		1			4	5		5	1		
70	CLUSTER: 800												
	OCCUPATIONS:												
	526.781.0 BAKER												
	PROGRAMS:												
	0172901 BAKER	15	1	-2	-1	5	-1	-1		11	1		2
71	CLUSTER: 500												
	OCCUPATIONS:												
	020.188.1 SCIENTIFIC PROGRAMMER												
	PROGRAMS:												
	0160117 SCIENTIFIC DATA PROCESSING	14	3	1			1	3	1	5			

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATE-WIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. F. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
71	CLUSTER: 630 OCCUPATIONS: 141.081.0 ILLUSTRATOR--COMMERCIAL ARTIST 141.081.1 LAYOUT MAN (PRINT. & PUBLISHING) PROGRAMS: 0170700 COMMERCIAL ART	14			1	-1		-10		27	-4	-1	2
71	CLUSTER: 640 OCCUPATIONS: 143.062.0 PHOTOGRAPHER OR CAMERAMAN PROGRAMS: 0170900 COMMERCIAL PHOTOGRAPHY	14	-1	1	-1	2	-1	1	2	14	-2	-1	
74	CLUSTER: 470 OCCUPATIONS: 710.281.0 INSTRUMENT MAN PROGRAMS: 0160112 INSTRUMENTATION TECHNOLOGY 0172100 INSTRUMENT MAINT. & REPAIR	13		1	1		5	8	-7	9	-2		-2

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
75	CLUSTER: 240 OCCUPATIONS: 078.368.0 E.E.G. TECHNICIAN PROGRAMS: 0070901 E.E.G. TECHNICIAN	12		2		1		2	3	3	1		
75	CLUSTER: 690 OCCUPATIONS: 720.281.0 RADIO AND TV REPAIRMAN 823.281.0 RADIO MECHANIC PROGRAMS: 0171503 RADIO/TV	12		-2	-1	3	6	-7	6	15	-8	2	-2
77	CLUSTER: 180 OCCUPATIONS: 078.281.0 MEDICAL TECHNOLOGIST 078.381.0 MEDICAL LABORATORY ASSISTANT 078.381.2 MEDICAL LABORATORY TECHNICIAN PROGRAMS: 0070203 MEDICAL LABORATORY ASSISTING	[illegible]	6	23	12	13	5	2	20	-80	5	-4	7

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
77	CLUSTER: 710												
	OCCUPATIONS:												
	518,381.0 COREMAKER												
	PROGRAMS:												
	0172301 FOUNDRY	9					8	1					
79	CLUSTER: 290												
	OCCUPATIONS:												
	249,388.1 MEDICAL RECORD CLERK												
	PROGRAMS:												
	0079901 MEDICAL RECORD CLERK	8	5	1	1	-1	3	9	2	-16	-2	3	3
79	CLUSTER: 310												
	OCCUPATIONS:												
	100,388.0 MEDICAL RECORD LIBRARIAN												
	PROGRAMS:												
	0070210 MEDICAL RECORD TECHNICIAN	8	2	2	1	4	1	-19	1	11	1	2	2
79	CLUSTER: 770												
	OCCUPATIONS:												
	504,782.0 HEAT TREATER												
	PROGRAMS:												
	0172400 METALLURGY	[illegible]		1				1	1	1	4		

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	M. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
82	CLUSTER: 40												
	OCCUPATIONS:												
	521.782.0 MILL OPERATOR												
	624.281.0 AGRICULTURAL MECHANIC												
	PROGRAMS:												
	0010300 AGRICULTURAL MECHANICS												
	0179902 FARM MACHINERY REPAIR	-31	-11	-24	-16	-3	-23	-9	13	11	26	-4	9
83	CLUSTER: 850												
	OCCUPATIONS:												
	780.381.0 FURNITURE UPHOLSTERER												
	PROGRAMS:												
	0173500 UPHOLSTERY	-34	1	1	-5	2	-1	-5		-7	-20		
84	CLUSTER: 590												
	OCCUPATIONS:												
	807.381.0 AUTO BODY REPAIRMAN												
	845.781.0 AUTO PAINTER												
	PROGRAMS:												
	0170301 BODY AND FENDER	-62	-18	-19	-1	-30	14		12	2	-27		5

DESCENDING ORDER OF PROGRAM CLUSTERS

RANKED BY STATEWIDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. [illegible] #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
85	CLUSTER: 6[illegible]												
	OCCUPATIONS:												
	621.281.0 AIRCRAFT AND ENGINE MECHANIC												
	621.281.1 JET ENGINE MECHANIC												
	621.731.0 AIRCRAFT ACCESSORIES MECHANIC												
	PROGRAMS:												
	0160101 AERONAUTICAL TECHNOLOGY												
	0170401 AIRCRAFT MAINTENANCE	-76	-2	-7	-1	-1	-6	-46	11	-17	1	-8	
86	CLUSTER: 260												
	OCCUPATIONS:												
	078.368.2 RADIOLOGIC TECHNICIAN												
	PROGRAMS:												
	0070501 RADIOLOGIC TECHNICIAN												
	0070504 RADIOLOGIC TECH. (X-RAY)	-110	2	[illegible]	2	2	3	-25	2	-121	2	2	3

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATE I E NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	N. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
87	CLUSTER: 410 OCCUPATIONS: 213.382.0 CARD-TAPE CONVERTER OPERATOR 213.582.0 KEYPUNCH OPERATOR 213.782.0 TABULATING MACHINE OPERATOR PROGRAMS: 0140200 BUSINESS DATA PROCESSING	-242	43	-1	-14	-6	-29	-125	-28	-6	-80	2	2
88	CLUSTER: 600 OCCUPATIONS: 620.281.0 AUTO MECHANIC 620.281.1 AUTO - AIR CONDITIONING PROGRAMS: 0170302 AUTO MECHANICS	-265	-30	-10	-54	-9	-29	-59	18	-38	-99	31	14

A DESCENDING ORDERING OF PROGRAM CLUSTERS

RANKED BY STATE IDE NET MANPOWER DEMAND

RANK	PROGRAM CLUSTERS	STATE-WIDE	N. E. #1	M. E. #2	S. E. #3	S. C. #4	E. C. #5	TULSA SMSA #6	N. C. #7	OKLA. CITY SMSA #8	S.W.C. #9	S. W. #10	N. W. #11
89	CLUSTER: [illegible] OCCUPATIONS: 810.782.0 WELDING MACHINE OPERATOR 810.984.0 WELDER, ARC 810.884.1 WELDER, GAS 812.984.0 WELDER, COMBINATION 816.782.0 FLAME CUTTER MA-CHINE OPERATOR 816.884.0 FLAME CUTTER, HAND PROGRAMS: 0010300 AGRICULTURAL MECHANICS 0172306 WELDING & CUTTING	-384	-5	-25	-73	-31	-34	9	-17	-166	-42	3	-3
90	CLUSTER: 560 OCCUPATIONS: 637.281.0 AIR COND. & REFRIG MECHANIC PROGRAMS: 0170100 AIR CONDITIONING & HEATING	-451	-30	-46	-73	-17	3	-75	-10	-116	-79	-8	

APPENDIX A

COMPLETION CARD

JOHN K. JONES, OKLA CITY AREA SCHOOL CHEMICAL TECH was, according to our records, enrolled in your training program during the last school year. Did he/she: (Check the most appropriate response)

- ☐ 1. Complete the training program and (1) graduate, or (2) leave school without graduating?
- ☐ 2. Complete the training program and remain in the school in other course work?
- ☐ 3. Complete this year in the training program and plan to continue in the program?
- ☐ 4. Drop out of the training program but continue in school?
- ☐ 5. Transfer to another school?
- ☐ 6. Drop out of school and is employed full time in the field for which he/she was training?
- ☐ 7. Drop out of school and is not employed full time in the field for which he/she was training?
- ☐ 8. Drop or transfer and status is not known, or is deceased.
- ☐ 9. Was not in my program this year.

VE 6000R - 1

FOLLOW-UP CARD

JOHN K. JONES, OKLA CITY AREA SCHOOL CHEMICAL TECH according to our records, completed your training program during the last school year. Please check the one most appropriate response indicating his status on October 1, this year.

- ☐ 0. In the Armed Forces
- ☐ 1. Continuing school full time in a related vocational-technical field
- ☐ 2. Continuing school full time in a non-related vocational-technical field
- ☐ 3. Not in Labor Force (Marriage, Health, etc.)
- ☐ 4. Working in occupation for which trained (full time)
- ☐ 5. Working in occupation related to training (full time)
- ☐ 6. Working in non-related occupation (full time)
- ☐ 7. Working part time (does not include those in school)
- ☐ 8. Unemployed, seeking employment
- ☐ 9. Unknown
- ☐ 10. Record is in error. This student did not complete my program last year.

VE 6000R-2

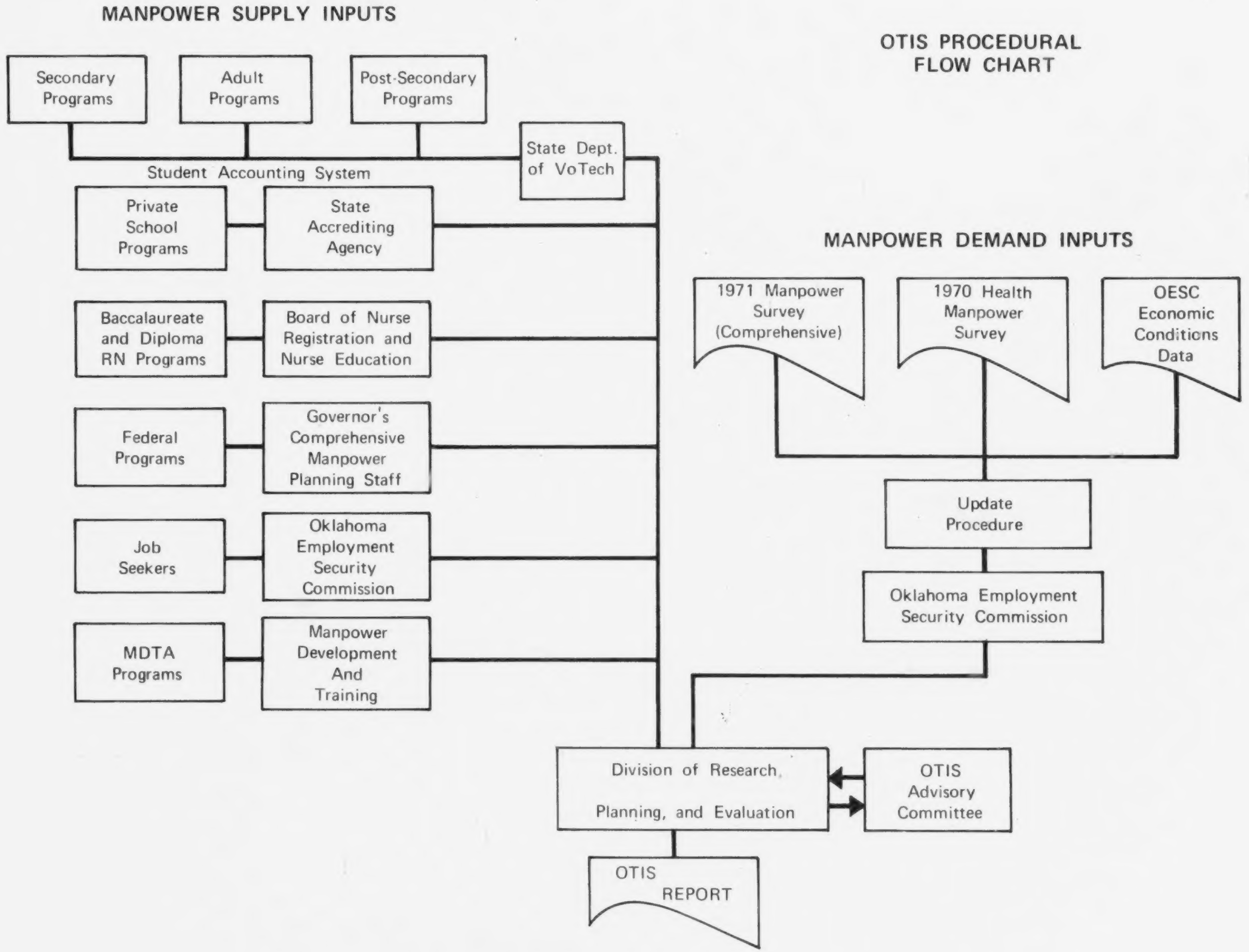
APPENDIX B

FEDERAL ORGANIZATIONS WITH SUPPLY INFORMATION
ENTERED IN THE OTIS TABLES

1. Bureau of Indian Affairs
2. Concentrated Employment Program (CEP)
3. Department of Corrections
4. Migrant Education
5. Work Incentive Program (WIN)
6. Opportunities Industrialization Center (OIC)
7. Rehabilitative Services
8. Tulsa Urban League

APPENDIX C

OTIS PROCEDURAL FLOW CHART



Statewide Total Index Alphabetical By
Occupational Title

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Admitting Clerk 25
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Aircraft & Engine Mechanics 36
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